

KrimpTerm®

KrimpTerm®



KrimpTerm®



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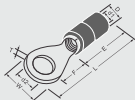
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TERMINALS

Ring Terminals



- **Material**
- Insulation: Vinyl
- Terminal Body: Copper
- Plating: Tin

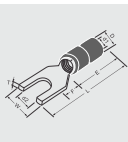


Ring Terminals

WIRE RANGE mm ² (A.W.G.)	TAB SIZE		ITEM NO.	DIMENSION mm(inch)					COLOUR
	Metric (mm)	American (inch)		d2	W	L	E	d1	
0.5-1.5 (22-16)	3	#4	RR32	3.2(.216)	5.5(.216)	17.5(.689)	10.0(.394)	1.7(.067)	
	3.5	#6	RR37	3.7(.146)					
	4	#8	RR43	4.3(.169)	6.6(.260)	19.4(.764)			
	5	#10	RR53	5.3(.209)	8.0(.315)	20.8(.819)			
	6	1/4 "	RR64	6.4(.252)	11.6(.457)	26.8(1.055)			
	8	5/16 "	RR84	8.4(.331)					
	10 ¹²	3/8 "	RR105	10.5(.413)	13.6(.535)	30.5(1.201)			
1.5-2.5 (16-14)	3	#4	BR32	3.2(.126)			10.0(.394)	2.3(.091)	
	3.5	#6	BR37	3.7(.146)	6.6(.260)	17.8(.701)			
	4	#8	BR43	4.3(.169)	6.6(.260)	21.8(.858)			
	5	#10	BR53	5.3(.209)	8.5(.335)				
1.5-2.5 (16-14)	6	1/4 "	BR64	6.4(.252)	12.0(.472)	26.8(1.055)	10.0(.394)	2.3(.091)	
	8	5/16 "	BR84	8.4(.331)	12.0(.472)	26.8(1.055)			
	10	3/8 "	BR105	10.5(.413)	13.6(.535)	30.5(1.201)			
	12	1/2 "	BR130	13.0(.512)	19.2(.756)	35.4(1.394)			
4-6 (12-10)	4	#8	YR43	4.3(.169)	7.2(.283)	22.7(.894)	13.0(.512)	3.4(.134)	
	5	#10	YR53	5.3(.209)	9.5(.374)	26.0(1.023)			
	6	1/4 "	YR64	6.4(.252)	12.0(.472)	29.5(1.167)			
	8	5/16 "	YR84	8.4(.331)	15.0(.591)	34.0(1.339)			
	10	3/8 "	YR105	10.5(.413)					
	12	1/2 "	YR130	13.0(.512)	19.2(.756)	38.6(1.520)			

TERMINALS

Fork Terminals



• Material

- Insulation: Vinyl
- Terminal Body: Copper
- Plating: Tin

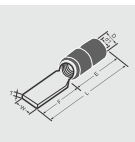


Fork Terminals

WIRE RANGE	TAB SIZE		ITEM NO .	DIMENSION mm(inch)					COLOUR
	mm" (A.W.G.)	Metric (mm)		American (inch)	d2	W	L	E	
0.5-1.5 (22-16)	3	#4	RF32	3.2(.126)	5.7(.323)	21.0(.827)	10.0(.394)	1.7(0.67)	
	3.5	#6	RF37	3.7(.146)					
	4	#8	RF43	4.3(.169)	6.4(.252)				
	5	#10	RF53	5.3(.209)	8.1(.319)				
	6	1/4 "	RF64	6.4(.252)	9.5(.374)				
1.5-2.5 (16-14)	3	#4	BF32	3.2(.126)	5.7(.224)	21.0(.827)	10.0(.394)	2.3(.091)	
	3.5	#6	BF37	3.7(.146)					
	4	#8	BF43	4.3(.169)	6.4(.252)				
	5	#10	BF53	5.3(.209)	7.9(.311)				
	6	1/4 "	BF64	6.4(.252)	9.3(.366)				
4-6 (12-10)	3.5	#6	YF37	3.7(.146)	8.3(.327)	25.5(1.004)	13.0(.512)	3.4(.134)	
	4	#8	YF43	4.3(.169)	8.3(.327)				
	5	#10	YF53	5.3(.209)	9.0(.283)				
	6	1/4 "	YF64	6.4(.252)					

TERMINALS

Blade Terminals

**• Material**

- Insulation: Vinyl
- Terminal Body: Copper
- Plating: Tin



Blade Terminals

WIRE RANGE mm ² (A.W.G.)	ITEM NO.	DIMENSION mm(inch)				COLOUR
		W	F	L	d1	
0.5-1.5 (22-16)	RB2318	2.2(.087)	18.0(.709)	27.8(1.094)	1.7(.067)	Red
1.5-2.5 (16-14)	BB2318	2.2(.087)	18.0(.709)	27.8(1.094)	2.3(.091)	Blue
4-6 (12-10)	YB2810	2.8(.110)	10.0(.394)	23.0(.906)	3.4(.134)	Yellow

Ratchet Terminal Crimping Tool



Features:

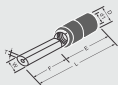
- For insulated terminals from 0.5 to 6 sq.mm.
- Awg 22-18, 16-14, 12-10.
- Length: 242 mm

Item No. CMP2

Please refer Section 3 for full range of Crimping Tools

TERMINALS

Pin Terminals

**• Material**

- Insulation: Vinyl
- Terminal Body: Copper
- Plating: Tin



Pin Terminals

WIRE RANGE mm (A.W.G.)	ITEM NO .	DIMENSION mm(inch)				COLOUR
		W	F	L	d1	
0.5-1.5 (22-16)	RP1912	1.9(.075)	12.0(.472)	21.8(.858)	1.7(.067)	Red
1.5-2.5 (16-14)	BP1912	1.9(.075)	12.0(.472)	21.8(.858)	2.3(.091)	Blue
4-6 (12-10)	YP2914	2.8(.110)	14.0(.551)	27.0(1.063)	3.4(.134)	Yellow

Ratchet Terminal Crimping Tool



Features:

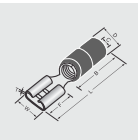
- For insulated terminals from 0.5 to 6 sq.mm.
AWG 22-18, 16-14, 12-10.
- Length: 258 mm

Item No. CMP3

Please refer Section 3 for full range of Crimping Tools

QUICK DISCONNECTS

Female Spade Disconnects



• Material

- Insulation: Vinyl
- Terminal Body: Brass
- Metallic Sleeve: Copper
- Plating: Tin

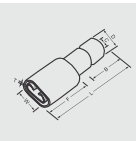


Female Spade Disconnects

WIRE RANGE	TAB SIZE	ITEM NO .	DIMENSION mm(inch)				COLOUR
mm ² (A.W.G.)	Thickness × Width		W	L	B	C	
0.5-1.5 (22-16)	0.5×2.8 .020×.110	RFS28-5	3.2(.126)	19.0(.748)	10.5(.413)	1.7(.067)	
	0.8×2.8 .032×.110	RFS28-8	3.2(.126)				
	0.5×4.75 .020×.187	RFS48-5	5.0(.197)	19.4(.764)			
	0.8×4.75 .032×.187	RFS48-8	5.0(.197)				
1.5-2.5 (16-14)	0.5×4.75 .020×.187	BFS48-5	5.0(.197)	19.4(.764)	10.5(.413)	2.3(.091)	
	0.8×4.75 .032×.187	BFS48-8	5.0(.197)				
	0.8×6.35 .032×.250	BFS63	6.6(.260)	20.8(.819)			
4-6 (12-10)	0.8×6.35 .032×.250	YFS63	6.6(.260)	23.3(.917)	13.0(.512)	3.4(.134)	
	1.2×9.4 .047×.375	YFS95	10.0(.394)	28.6(1.126)			

QUICK DISCONNECTS

Fully Insulated Female Quick Disconnects



• Material

- Insulation: Vinyl
- Terminal Body: Brass
- Metallic Sleeve: Copper
- Plating: Tin

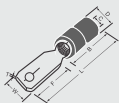


Fully Insulated Female Quick Disconnects

WIRE RANGE	TAB SIZE	ITEM NO .	DIMENSION mm(inch)				COLOUR	
			W	L	B	C		
0.5-1.5 (22-16)	0.5×2.8 .020×.110	RFS28FI-5	3.2(.126)	19.0(.748)	10.5(.413)	1.7(.067)		
	0.8×2.8 .032×.110	RFS28FI-8						
	0.5×4.75 .020×.187	RFS48FI-5	5.0(.197)	20.5(.807)				
	0.8×4.75 .032×.187	RFS48FI-8						
	0.8×6.35 .032×.250	RFS63FI						
1.5-2.5 (16-14)	0.5×4.75 .020×.187	BFS48FI-5	5.0(.197)	20.2(.796)	10.5(.413)	2.3(.091)		
	0.8×4.75 .032×.187	BFS48FI-8	5.0(.197)					
	0.8×6.35 .032×.250	BFS63FI	6.6(.260)	22.2(.874)				
4-6 (12-10)	0.8×6.35 .032×.250	YFS63FI	6.6(.260)	24.2(.953)	12.5(.492)	3.4(.134)		
	1.2×9.4 .047×.375	YFS95FI	10.0(.394)	30.5(1.201)				

QUICK DISCONNECTS

Male Quick Disconnects



• Material

- Insulation: Vinyl
- Terminal Body: Brass
- Metallic Sleeve: Copper
- Plating: Tin

• Character:

- Heat Resistance 105°C

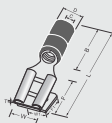


Male Quick Disconnects

WIRE RANGE mm ² (A.W.G.)	TAB SIZE Thickness × Width	ITEM NO.	DIMENSION mm(inch)					COLOUR
			W	L	B	C	T	
0.5-1.5 (22-16)	0.8×6.35 .032×.250	RTAB63	6.35(.250)	21.8(.858)	10.5(.413)	1.7	0.4(.016)	Red
1.5-2.5 (16-14)	0.8×6.35 .032×.250	BTAB63	6.35(.250)	21.8(.858)	10.5(.413)	2.3	0.4(.016)	Blue
4-6 (12-10)	0.8×6.35 .032×.250	YTAB63	6.35(.250)	24.0(.945)	13.0(.512)	3.4	0.4(.016)	Yellow

QUICK DISCONNECTS

Piggy Back Quick Disconnects



• Material

- Insulation: Vinyl
- Terminal Body: Brass
- Metallic Sleeve: Copper
- Plating: Tin

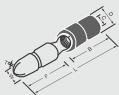


Piggy Back Quick Disconnects

WIRE RANGE mm ² (A.W.G.)	TAB SIZE Thickness × Width	ITEM NO.	DIMENSION mm(inch)						COLOUR
			W	W1	L	B	C	T	
0.5-1.5 (22-16)	0.8 × 6.35 .032 × .250	RPB63	6.6(.260)	6.35(.250)	22.5(.886)	10.5(.413)	1.7(.067)	0.4(.016)	Red
1.5-2.5 (16-14)	0.8 × 6.35 .032 × .250	BPB63	6.6(.260)	6.35(.250)	22.5(.886)	10.5(.413)	2.3(.091)	0.4(.016)	Blue
4-6 (12-10)	0.8 × 6.35 .032 × .250	YPB63	6.6(.260)	6.35(.250)	24.0(.945)	13.0(.512)	3.4(.134)	0.4(.016)	Yellow

QUICK DISCONNECTS

Bullet - Male Quick Disconnects

**Material**

- Insulation: Vinyl
- Terminal Body: Brass
- Metallic Sleeve: Copper
- Plating: Tin

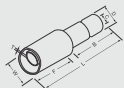


Bullet - Male Quick Disconnects

WIRE RANGE mm ² (A.W.G.)	ITEM NO .	DIMENSION mm(inch)				COLOUR
		W	L	B	C	
0.5-2.5(22-16)	RBU40	4.0(.157)	21.5(.846)	10.5(.413)	1.7(.067)	Red
1.5-2.5(16-14)	BBU40	4.0(.157)	21.7(.854)	10.5(.413)	2.3(.091)	Blue
	BBU50	5.0(.197)	21.2(.835)			
4-6(12-10)	YBU50	5.0(.197)	24.0(.945)	13.0(.512)	3.4(.134)	Yellow

QUICK DISCONNECTS

Bullet - Female Quick Disconnects

**• Material**

- Insulation: Vinyl
- Terminal Body: Brass
- Metallic Sleeve: Copper
- Plating: Tin

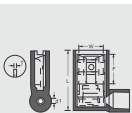


Bullet - Female Quick Disconnects

WIRE RANGE mm" (A.W.G.)	ITEM NO.	DIMENSION mm(inch)				COLOUR
		W	L	B	C	
0.5-2.5(22-16)	RBR40	3.9(.153)	23.3(.917)	10.5(.413)	1.7(.067)	Red
1.5-2.5(16-14)	BBR40	3.9(.157)	23.3(.917)	10.5(.413)	2.3(.091)	Blue
	BBR50	4.9(.193)				
4-6(12-10)	YBR50	4.9(.193)	25.1(.988)	12.5(.492)	3.4(.134)	Yellow

QUICK DISCONNECTS

Flag Female Quick Disconnects

**• Material**

- Insulation: Nylon
- Terminal Body: Brass
- Plating: Tin

• Character:

- Heat Resistance 105°C
- Easy Entry



Flag Female Quick Disconnects

WIRE RANGE mm (A.W.G.)	TAB SIZE Thickness × Width	ITEM NO.	DIMENSION mm(inch)			COLOUR
			W	L	d1	
0.5-1.5 (22-18)	0.8 × 6.35 .032 × .250	RFLAG63	6.6(.260)	16.0(.630)	1.7(.067)	Red
4-6 (12-10)	0.8 × 6.35 .032 × .250	BFLAG63	6.6(.260)	16.5(.650)	3.4(.134)	Blue

Flag Terminal Crimping Tool



Features:

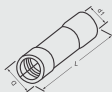
- For insulated
AWG 22-18, 16-14.
- Length: 205 mm

Item No. CMP4

Please refer Section 3 for full range of Crimping Tools

QUICK DISCONNECTORS

Butt Connectors

**• Material**

- Insulation: Vinyl
- Terminal Body: Brass
- Plating: Tin

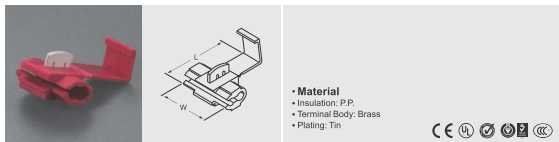


Butt Connectors

WIRE RANGE mm ² (A.W.G.)	ITEM NO.	DIMENSION mm(inch)			COLOUR
		L	D	d1	
0.5-1.5(22-16)	RBC	24.6(.969)	4.0(.157)	1.7(.067)	Red
1.5-2.5(16-14)	BBC	24.6(.969)	4.5(.177)	2.3(.091)	Blue
4-6(12-10)	YBC	26.5(1.034)	6.3	3.4(.134)	Yellow

SPLICES

Quick Splice Connectors

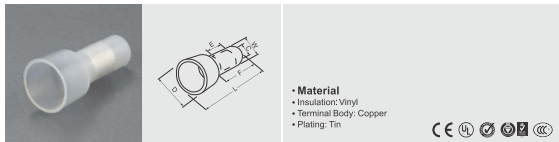


Quick Splice Connectors

WIRE RANGE mm ² (A.W.G.)	ITEM NO.	W mm(inch)	L mm(inch)	FIGURE	COLOUR
0.5-1.0 (22-18)	RCT	20.0(.787)	27.0(1.063)		
0.75-2.5 (18-14)	BCT	20.0(.787)	27.0(1.063)		
4-6 (12-10)	YCT	20.5(.807)	34.5(1.358)		

SPLICES

Closed End Connectors



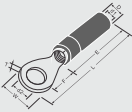
Closed End Connectors

WIRE RANGE mm ² (A.W.G.)	ITEM NO.	DIMENSION mm(inch)					COLOUR
		W	L	D	T	C	
1.25 (22-16)	CECS	5.0(.197)	21.0(.827)	8.0(.315)	0.5(.020)	2.3(.091)	Natural
2 (16-14)	CECM	5.5(.217)	21.0(.827)	8.0(.315)	0.45(.018)	3.1(.122)	
5.5 (12-10)	CECL	7.5(.295)	25.5(1.004)	10.0(.394)	0.7(.028)	4.0(.157)	

HEAT SHRINK TERMINALS

Heat Shrink Ring Terminals





• Material

- Insulation: Heat Shrink Tube
- Terminal Body: Copper
- Plating: Tin

• Character:

- Waterproof / Sealed



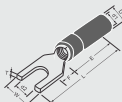
Heat Shrink Ring Terminals

WIRE RANGE	TAB SIZE		ITEM NO .	DIMENSION mm(inch)					Colour
	mm ² (A.W.G.)	Metric (mm)		American (inch)	d2	W	L	E	
0.5-1.5 (22-16)	4	#8	HSRR40	4.3(.169)	8.0(.315)	28.5	19.0	1.7(.067)	
	5	#10	HSRR50	5.3(.209)					
	6	1/4 "	HSRR60	6.4(.252)	11.6(.457)	34.7			
	8	5/16 "	HSRR80	8.4(.331)	13.6(.535)	38.5			
	10	3/8 "	HSRR100	10.5(.413)					
1.5-2.5 (16-14)	4	#8	HSBR40	4.3(.169)	8.5(.335)	29.8	19.0	2.3(.091)	
	5	#10	HSBR50	5.3(.209)	9.5(.374)	29.8			
	6	1/4 "	HSBR60	6.4(.252)	12.0(.472)	34.6			
	8	5/16 "	HSBR80	8.4(.331)	12.0(.472)	34.6			
	10	3/8 "	HSBR100	10.5(.431)	13.6(.535)	38.5			
	12	1/2 "	HSBR120	13.0(.512)	19.2(.756)	43.4			
4-6 (12-10)	4	#8	HSYR40	4.3(.169)	9.5(.374)	33.6	24.0	3.5	
	5	#10	HSYR50	5.3(.209)					
	6	1/4 "	HSYR60	6.4(.252)	12.0(.472)	36.3			
	8	5/16 "	HSYR80	8.4(.331)	15.0(.591)	45.4			
	10	3/8 "	HSYR10	10.5(.413)					
	12	1/2 "	HSYR120	13.0(.512)	19.2(.756)	46.5			

HEAT SHRINK TERMINALS

Heat Shrink Fork Terminals





- **Material**
- Insulation: Heat Shrink Tube
- Terminal Body: Copper
- Plating: Tin
- **Character:**
- Waterproof / Sealed



Heat Shrink Fork Terminals

WIRE RANGE mm ² (A.W.G.)	TAB SIZE		ITEM NO.	DIMENSION mm(inch)					COLOUR
	Metric (mm)	American (inch)		d2	W	L	E	d1	
0.5-1.5 (22-16)	4	#8	HSRF40	4.3(.319)	8.1(.319)	33	19	1.7(.067)	
	5	#10	HSRF50	5.3(.209)	9.5(.374)				
1.5-2.5 (16-14)	4	#8	HSBF40	4.3(.169)	7.9(.311)	33	19	2.3(.091)	
	5	#10	HSBF50	5.3(.209)	9.3(.366)				
4-6 (12-10)	4	#8	HSYF40	4.3(.169)	9.0(.283)	36.7	24	3.4(.134)	
	5	#10	HSYF50	5.3(.209)					
	6	#1/4"	HSYF60	6.4(.252)					

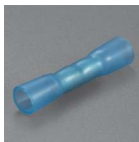
Ratchet Heat Shrink Terminal Crimping Tool



Please refer Section 3 for full range of Crimping Tools

HEAT SHRINK TERMINALS

Heat Shrink Butt Connectors



- Material
- Insulation: Heat Shrink Tube
- Terminal Body: Copper
- Plating: Tin

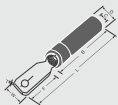


Heat Shrink Butt Connectors

WIRE RANGE mm" (A.W.G.)	ITEM NO .	DIMENSION mm(inch)				PCS/PACK	COLOUR
		L	D	d1	d2		
0.5-1.5 (22-16)	HSRBC	36	5.8	4.5	1.8	500	Red
1.5-2.5 (16-14)	HSBBC	36	6.8	5.5	2.4	500	Blue
4-6 (12-10)	HSYBC	41	8.0	6.5	3.5	300	Yellow

HEAT SHRINK TERMINALS

Heat Shrink Male Blades

**• Material**

- Insulation: Heat Shrink Tube
- Terminal Body: Brass
- Metallic Sleeve: Copper
- Plating: Tin

• Character:

- Waterproof / Sealed
- Easy Entry

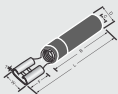


Heat Shrink Male Blades

WIRE RANGE mm ² (A.W.G.)	TAB SIZE Thickness × Width	ITEM NO .	DIMENSION mm(inch)					COLOUR
			W	L	B	C	T	
0.5-1.5 (22-16)	0.8×6.35 .032×.250	HSRTAB63	6.35	35	25.0	1.7	0.4	
1.5-2.5 (16-14)	0.8×6.35 .032×.250	HSBTAB63	6.35	35	25.0	2.3	0.4	
4-6 (12-10)	0.8×6.35 .032×.250	HSYTAB63	6.35	36	26.0	3.4	0.4	

HEAT SHRINK TERMINALS

Heat Shrink Female Spades



• Material

- Insulation: Heat Shrink Tube
- Terminal Body: Brass
- Metallic Sleeve: Copper
- Plating: Tin

• Character:

- Waterproof / Sealed
- Easy Entry

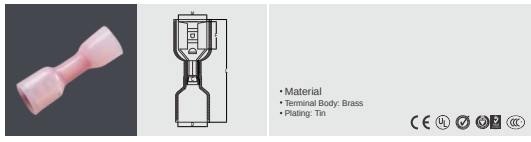


Heat Shrink Female Spades

WIRE RANGE mm (A.W.G.)	TAB SIZE Thickness × Width	ITEM NO.	DIMENSION mm(inch)					COLOUR
			W	L	B	C	T	
0.5-1.5 (22-16)	0.8 × 6.35 .032 × .250	HSRFS63	6.5	33	25	1.7	0.4	Red
1.5-2.5 (16-14)	0.8 × 6.35 .032 × .250	HSBFS63	6.5	33	25	2.3	0.4	Blue
4-6 (12-10)	0.8 × 6.35 .032 × .250	HSYFS63	6.5	34	26	3.4	0.4	Yellow

HEAT SHRINK TERMINALS

Heat Shrink Female Spade Terminals (FI)



Heat Shrink Female Spade Terminals (FI)

WIRE RANGE mm² (A.W.G.)	ITEM NO.	DIMENSION (mm)					COLOUR
		W	F	L	B	C	
1.5-2.5 (22-16)	HSRFS63FI	6.5	7.5	28.0	1.7	8.5	Red
1.5-2.5 (16-14)	HSBFS63FI	6.5	7.5	28.0	2.3	8.5	Blue
1.5-2.5 (12-10)	HSYFS63FI	6.5	7.5	28.0	3.4	8.5	Yellow

HEAT SHRINK TERMINALS

Heat Shrink Male Bullet Terminals



- Material
- Insulation: Heat Shrink Tube
- Terminal Body: Brass
- Metallic Sleeve: Copper
- Plating: Tin
- Character:
- Waterproof / Sealed
- Easy Entry

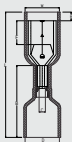


Heat Shrink Male Bullet Terminals

WIRE RANGE mm ² (A.W.G.)	ITEM NO.	DIMENSION (mm)				COLOUR
		W	L	B	C	
0.5-1.5 (22-16)	HSRBU40	4.0	36.0	25.0	1.7	Red
1.5-2.5 (16-14)	HSBBU50	5.0	37.5	25.0	2.3	Blue
4-6 (12-10)	HSYBU50	5.0	38.5	26.0	3.4	Yellow

HEAT SHRINK TERMINALS

Heat Shrink Female Bullet Terminals



- Material
- Insulation: Heat Shrink Tube
- Terminal Body: Brass
- Metallic Sleeve: Copper
- Plating: Tin
- Character:
- Waterproof / Sealed
- Easy Entry

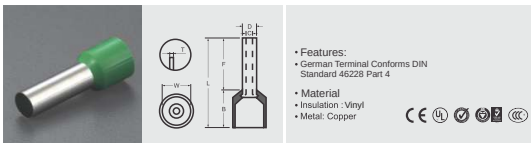


Heat Shrink Female Bullet Terminals

WIRE RANGE mm ² (A.W.G.)	ITEM NO.	DIMENSION (mm)					COLOUR
		W	F	L	B	C	
1.5-2.5 (16-14)	HSRBR40	6.5	7.3	30.0	18.0	1.7	
1.5-2.5 (16-14)	HSBBR50	6.5	8.5	30.0	18.0	2.3	
1.5-2.5 (16-14)	HSYBR50	6.5	8.5	31.0	18.0	3.4	

CORD END TERMINALS

Cord End Terminals

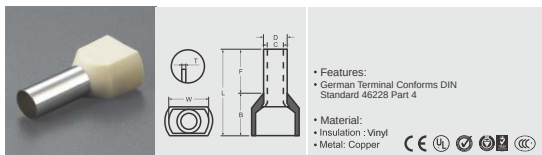


Cord End Terminals

WIRE RANGE mm ² (A.W.G.)	PART NO.	DIMENSION(mm)				PCS/PACK	FRENCH COLOUR	GERMAN COLOUR
		F	L	W	C			
0.2 (26)	CE0.25A	6.0	10.4	1.9	0.8	100	Violet	
	CE0.25B							LT Blue
0.5 (22)	CE0.5A	8.0	14.0	3.3	1.0	100	White	
	CE0.5B							Orange
0.75 (20)	CE0.75A	8.0	14.3	3.6	1.21	100	Blue	
	CE0.75B							White
1.0 (18)	CE1.0A	8.0	14.6	3.8	1.50	100	Red	
	CE1.0B							Yellow
1.5 (16)	CE1.5A	8.0	14.6	4.5	1.80	100	Black	
	CE1.5B							Red
2.5 (14)	CE2.5A	8.0	15.4	5.1	2.3	100	Grey	
	CE2.5B							Blue
4.0 (12)	CE4.0A	9.0	16.5	5.5	2.8	100	Orange	
	CE4.0B							Grey
6.0 (10)	CE6.0A	12.0	20.5	6.9	3.5	100	Green	
	CE6.0B							Black
10 (8)	CE10.0A	12.0	21.5	8.4	4.5	100	Brown	
	CE10.0B							IVORY
16 (6)	CE16.0A	12.0	22.2	9.4	5.8	100	IVORY	
	CE16.0B							Green
25 (4)	CE25.0A	16.0	29.0	11.8	7.5	100	Black	
	CE25.0B							Brown
35 (2)	CE35.0A	16.0	30.0	13.1	8.3	100	Red	
	CE35.0B							Beige

CORD END TERMINALS

Cord End Terminals Twin Wires



Cord End Terminals Twin Wires

WIRE RANGE mm ² (A.W.G.)	PART NO .	DIMENSION(mm)				PCS/PACK	COLOUR
		F	L	W	C		
2*0.5 (2*22)	TWIN0.5	8.0	14.5	5.0	1.5	100	White
2*0.75	TWIN0.75	8.0	14.7	5.1	1.8	100	Grey
2*1.0	TWIN1.0	8.0	15.1	5.5	2	100	Red
2*1.5	TWIN1.5	8.0	15.5	6.6	2.3	100	Black
2*2.5	TWIN2.5	10.0	18.5	7.9	2.9	100	Blue
2*4.0 (2*12)	TWIN4.0	12.0	23.1	8.9	3.8	100	Grey
2*6.0 2*10	TWIN6.0	14.0	26.1	14.5	4.9	100	Yellow
2*10 2*8	TWIN10.0	14.0	26.6	12.5	6.5	100	Red
2*16 (2*6)	TWIN16.0	14.0	31.3	23.7	8.3	100	Blue



Please refer Section 3 for more details of Plier.

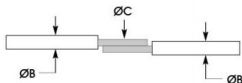
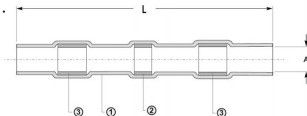
HEAT SHRINK BUTT CONNECTOR

Heat Shrink Solder Butt Connector



Product Introduction :

- Transparent insulation sleeve provides encapsulation, inspectability , strain relief, and insulation.
- Prefluxed solder preform provides a controlled soldering process.
- Once-piece design offers easy installation and lower installed cost.
- Optional preinstalled ground leads provide convenience and ease of installation.



Specification:

Item 1	Heat shrinkable Sleeve , Transparent , Radiation cross-linked modified polyolefin.
Item 2	Solder Ring with flux
Item 3	Glue rings
Temperature Range	-55°C to +125°C
Volume Resistivity (? cm)	≥1015
Dielectric Strength (KV/mm)	≥25
Voltage Resistant	>600V

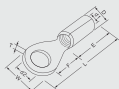
Applications:

Connecting wires to component terminals, such as motor tabs, connector pins, and switch terminals.

Item No.	Cable Size	L Max (mm)	A Min (mm)	Wire Dimensions (mm)				Size Code
	AWG (mm ²)			B Min	B & C Max	C Min		
HSSOLW	26-24(0.25-0.34)	26	1.7	0.4	1.7	0.76		White
HSSOLR	22-18(0.5-1.0)	40	2.7	1.3	2.7	1.2		Red
HSSOLB	16-14(1.5-2.5)	40	4.5	1.8	4.5	2.0		Blue
HSSOLY	12-10(4.0-6.0)	40	6.0	2.8	6.0	3.4		Yellow

NON-INSULATED TERMINALS

Non-Insulated Ring Terminals



Material

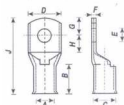
- Terminal Body: Copper
- Plating: Tin
- Brazed Seam



WIRE RANGE	STUD SIZE		ITEM NO.	DIMENSION mm(inch)				
	mm ² (A.W.G.)	Metric (mm)		d2	W	L	E	d1
8 (8)	8	1/4"	NR10-6	6.4(.252)	12.0(.472)	23.8(.937)		
	6	5/16"	NR10-8	8.4(.331)	15.0(.591)	29.8(1.161)	8.5(.337)	4.5(.177)
	10	3/8"	NR10-10	10.5(.413)				
14 (6)	6	1/4"	NR16-6	6.4(.252)	12.0(.472)	29.8(1.173)		
	14	5/16"	NR16-8	8.4(.331)	16.0(.630)	32.5(1.280)	10.5(.413)	5.8(.228)
	10	3/8"	NR16-10	10.5(.413)				
22 (4)	6	1/4"	NR25-6	6.4(.252)	16.5(.650)	33.5(1.319)	12.0(.472)	7.7(.303)
	8	5/16"	NR25-8	8.4(.331)				
	10	3/8"	NR25-10	10.5(.413)	16.5(.650)	33.5(1.319)	12.0(.472)	7.7(.303)
38 (2)	8	5/16"	NR35-8	8.4(.413)	22.0(.866)	42.7(1.681)	14.0(.551)	9.4(.370)
	10	3/8"	NR35-10	10.5(.413)	15.3(.602)	39.0(1.535)		
60 (1/0)	8	5/16"	NR50-8	8.4(.331)	22.0(.866)	49.7(1.957)	18.0(.709)	11.4(.449)
	10	3/8"	NR50-10	10.5(.413)				
70 (2/0)	8	5/16"	NR70-8	8.4(.331)	24.0(.945)	50.0(1.969)	18.0(.709)	13.3(.524)
	10	3/8"	NR70-10	10.5(.413)				

CABLE LUGS TERMINALS

Cable Lugs - Flared Entry



Material:

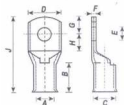
- Terminal Body: Copper
- Plating: Tin

Cable Lugs - Flared Entry

Item No.	Cable size sq.mm	Hole Dia. E	A	C	D	F	G	H	B	J
R6-5	6	5.2	3.8	5.5	10	1.2	5	6	9	23
R6-6	6	6.5	3.8	5.5	10	1.2	5	6	9	23
R6-8	6	8.2	3.8	5.5	12	1	6	9	9	27
R10-5	10	5.2	4.5	6.2	12	1.2	6	7	14	30
R10-6	10	6.5	4.5	6.2	12	1.2	6	7	14	30
R10-8	10	8.2	4.5	6.2	12	1.2	6	9	12	30
R10-10	10	10.5	4.5	6.2	15	1.4	8.5	10.5	12	34
R10-12	10	12.7	4.5	6.2	15	1.4	8.5	10.5	12	34
R16-5	16	5.2	5.4	7.1	12	1.4	7	7	12	30
R16-6	16	6.5	5.4	7.1	12	1.4	7	7	12	30
R16-8	16	8.2	5.4	7.1	12	1.4	7	9	12	32
R16-10	16	10.5	5.4	7.1	15	1.0	8	12	12	36
R16-12	16	12.7	5.4	7.1	16	1.0	8	12	12	36
R25-6	25	6.5	6.8	8.8	13	2	6	7	16	32.2
R25-8	25	8.2	6.8	8.8	13	2	6	7	16	32.2
R25-10	25	10.5	6.8	8.8	16	1.6	9	11	14	37
R25-12	25	12.7	6.8	8.8	18	1.2	11	13	14	37
R35-6	35	6.5	8.2	10.6	15	2.4	9	9	14	35
R35-8	35	8.2	8.2	10.6	15	2.4	9	9	14	35
R35-10	35	10.5	8.2	10.6	15	2.4	9	9	21.5	41.5
R35-12	35	12.7	8.2	10.6	18	2.0	9	9	21.5	41.5
R50-6	50	6.5	9.5	12.4	18	2.9	10	11	19	43
R50-8	50	8.2	9.5	12.4	18	2.9	10	11	19	43
R50-10	50	10.5	9.5	12.4	18	2.9	10	11	19	43
R50-12	50	12.7	9.5	12.4	18	2.9	10	11	19	43
R70-6	70	6.5	11.2	14.7	21	3.5	12	13	21	50
R70-8	70	8.2	11.2	14.7	21	3.5	12	13	21	50

CABLE LUGS TERMINALS

Cable Lugs - Flared Entry



Material:

- Terminal Body: Copper
- Plating: Tin

Cable Lugs - Flared Entry

Item No.	Cable size sq.mm	Hole Dia. E	A	C	D	F	G	H	B	J
R70-10	70	10.5	11.2	14.7	21	3.5	12	13	21	50
R70-14	70	14.7	11.2	14.7	21	3.5	12	13	21	50
R70-12	70	12.7	11.2	14.7	21	3.5	12	13	21	50
R70-16	70	17.0	11.2	14.7	21	3.5	12	13	21	50
R95-8	95	8.4	13.5	17.4	25	3.9	13	13	23	55
R95-10	95	10.5	13.5	17.4	25	3.9	13	13	23	55
R95-12	95	12.7	13.5	17.4	25	3.9	13	13	23	55
R95-14	95	14.7	13.5	17.4	25	3.9	13	13	23	55
R95-16	95	17.0	13.5	17.4	25	3.9	13	13	23	55
R120-8	120	8.2	15.0	19.4	28	4.4	14	14	25	60
R120-10	120	10.5	15.0	19.4	28	4.4	14	14	25	60
R120-12	120	12.7	15.0	19.4	28	4.4	14	14	25	60
R120-14	120	14.7	15.0	19.4	28	4.4	14	14	25	60
R150-10	150	10.5	16.5	21.2	30	4.7	16	16	30	69
R150-12	150	12.7	16.5	21.2	30	4.7	16	16	30	69
R150-14	150	14.7	16.5	21.2	30	4.7	16	16	30	69
R150-16	150	17.0	16.5	21.2	30	4.7	16	16	30	69
R185-10	185	10.5	18.5	23.5	34	5.0	17	17	36	78
R185-12	185	13.0	18.5	23.5	34	5.0	17	17	36	78
R185-14	185	14.7	18.5	23.5	34	5.0	17	17	36	78
R185-16	185	17.0	18.5	23.5	34	5.0	17	17	36	78
R240-12	240	13.0	21.0	26.5	38	5.5	20	20	42	92
R240-14	240	14.7	21.0	26.5	38	5.5	20	20	42	92
R240-16	240	17.0	21.0	26.5	38	5.5	20	20	42	92

Please refer Section 3 for Cable Lug Crimper

CABLE LUGS TERMINALS

Cable Butt Connectors - Flared Entry



Material:

- Terminal Body: Copper
- Plating: Tin



Cable Butt Connectors - Flared Entry

Item No.	Conductor Size/mm ²	Dimensions (mm)		
		A	C	J
RB6	6	3.8	5.5	15
RB10	10	4.5	6.2	20
RB16	16	5.4	7.1	20
RB25	25	6.8	8.8	32
RB35	35	8.2	10.6	36
RB50	50	9.5	12.4	40
RB70	70	11.2	14.7	45
RB95	95	13.5	17.4	45
RB120	120	15.0	19.4	45
RB150	150	16.5	21.2	55
RB185	185	18.5	23.5	60
RB240	240	21.0	26.5	80
RB300	300	23.5	30.0	85
RB400	400	28.5	36.5	85
RB500	500	30.0	39.0	100
RB630	630	35.0	45.0	110



Please refer Section 3 for more details Copper Tube Terminal Crimping Tools

CABLE TIES & FIXINGS

Standard Nylon Cable Ties



Features:

- Internal serrations allowing for a positive hold onto cable and pipe bundles.
- The design of the head guarantees a high tensile strength while allowing a very low insertion force.
- Flame-retardant, Heat-resistant, UV resistant are available.

Material:

UL approved polyamide 6.6, 94V-2



Item No.	Approx. Length L (mm)	Approx. Width W (mm)	Max. Bundle Dia. (mm)	Min. Loop Tensile Strength (kg)
CT22	80	2.5	15	8.0
CT1*	100	2.5	22	8.1
CT38	120	2.5	30	8.1
CT23	160	2.5	40	8.1
CT4	200	2.5	53	8.1
CT2*	140	3.6	33	18.2
CT24	180	3.6	53	18.2
CT20	200	3.6	53	18.2
CT7	300	3.6	102	18.2
CT29	370	3.6	76	18.2
CT25	120	4.8	24	22.2
CT3	160	4.8	38	22.2
CT5*	200	4.8	50	22.2
CT26	250	4.8	60	22.2
CT30	280	4.8	70	22.2
CT8**	300	4.8	76	22.2
CT10**	370	4.8	102	22.2
CT31	390	4.8	105	22.2
CT12	430	4.8	110	22.2
CT32	530	4.8	140	22.2

All the above sizes are available in Black & Natural/White colours.

*The above sizes are available in Brown, Blue, Green, Yellow & Red colours.

**The above sizes are available in Silver colour.

CABLE TIES & FIXINGS

Standard Nylon Cable Ties



Features:

- Internal serrations allowing for a positive hold onto cable and pipe bundles.
- The design of the head guarantees a high tensile strength while allowing a very low insertion force.
- Flame-retardant, Heat-resistant, UV resistant are available.

Material:

UL approved polyamide 6.6, 94V-2



Item No.	Approx. Length L (mm)	Approx. Width W (mm)	Max. Bundle Dia. (mm)	Min. Loop Tensile Strength (kg)
CT33	630	4.8	190	22.2
CT27	150	7.6	35	22.2
CT6	200	7.6	50	54.4
CT34	250	7.6	65	54.4
CT9	300	7.6	76	54.4
CT11	368	7.6	102	54.4
CT35	450	7.6	132	54.4
CT36	540	7.6	140	54.4
CT37	750	7.6	218	54.4
CT15	430	9.0	110	79.4
CT16	526	9.0	140	79.4
CT40	610	9.0	187	79.4
CT14	710	9.0	190	79.4
CT21	780	9.0	228	79.4
CT41	914	9.0	263	79.4
CT19	1020	9.0	295	79.4
CT42	1220	9.0	365	79.4
CT43	280	12.7	76	114.0
CT44	380	12.7	106	114.0
CT39	480	12.7	120	114.0
CT13	580	12.7	204	114.0
CT28	760	12.7	204	114.0
CT45	880	12.7	248	114.0
CT18	1030	12.7	295	114.0

All the above sizes are available in Black & Natural/White colours.

*The above sizes are available in Brown, Blue, Green, Yellow & Red colours.

**The above sizes are available in Silver colour.

CABLE TIES & FIXINGS

Releasable Cable Ties

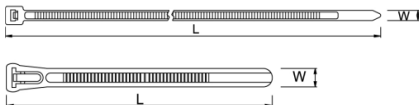


Description:

- The extended pawl allows for simple and quick release of the ties.
- One-piece construction for consistent performance and reliability.
- Permits easy release and re-use where changes are anticipated during development, production or servicing in the field.

Material:

- Polyamide 6,6, UL94 V2



Releasable Cable Ties (Type A)

Item No.	Dimension (mm)		Max. Bundle Dia. (mm)	Min. Loop Tensile Strength(kg)	Colour	
	W	L				
RCT36X100	3.6	100	22	18.2	Black	Natural
RCT48X200	4.8	200	50	22.2	Black	Natural
RCT48X300	4.8	300	85	22.2	Black	Natural
RCT48X380	4.8	370	102	22.2	Black	Natural

Releasable Cable Ties (Type B)

RCT76X150	7.6	150	35	22.2	Black	Natural
RCT76X200	7.6	200	50	22.2	Black	Natural
RCT76X250	7.6	250	66	22.2	Black	Natural
RCT76X300	7.6	300	80	22.2	Black	Natural

CABLE TIES & FIXINGS

Screw Mounted Cable Ties



Description:

- These screw mount cable ties have a built in mounting holes.
- Once fastened around the cables the bundle can be simply secured to the panel with a screw or bolt.

Material:

- UL Approved Polyamide 6.6, 94V-2



Screw Mounted Cable Ties

Item No.	Dimension (mm)		Max. Bundle Dia. (mm)	Min. Loop Tensile Strength (kg)	Colour	
	W	L				
SMCT25X110	2.5	110	22	8.1	Black	Natural
SMCT36X150	3.6	150	32	18.2	Black	Natural
SMCT48X200	4.8	200	50	22.2	Black	Natural
SMCT48X300	4.8	310	76	22.3	Black	Natural
SMCT48X370	4.8	377	102	22.2	Black	Natural
SMCT76X300	7.6	313	76	54.4	Black	Natural
SMCT76X400	7.6	380	98	54.4	Black	Natural

CABLE TIES & FIXINGS

Push Mount Cable Ties

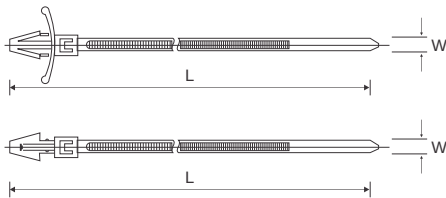


Features:

- The wing design of the mount helps stabilize the tie in high vibration applications.
- These ties are ideal for fixing bundles along a wide range of surfaces materials such as sheet metal, wood, or cast iron.
- One-piece, all plastic ties for quick, simple cable mounting.
- Applying by first drilling a hole on panel or board with appropriate hole diameter and board thickness. Insert the mount head to the hole for fixture.

Material:

UL Approved Polyamide 6.6, 94V-2



Push Mount Standard Cable Tie

Item No.	Approx. Length L (mm)	Approx. Width W (mm)	Max. Bundle Dia. (mm)	Min. Loop Tensile Strength (kg)	Colour	
PMCT48X200	202	4.8	46	22.2	Black	Natural

Push Mount Wing Cable Ties

WMCT25X100	110	2.5	22	8.1	Black	Natural
WMCT48X100	100	4.8	18	22.2	Black	Natural
WMCT48X200	200	4.8	45	22.2	Black	Natural

CABLE TIES & FIXINGS

Double Loop Cable Ties

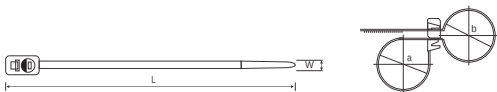


Features:

- The second loop may also serve as a positioning device for a single bundle.
- Double head ties can be used for installation of a second parallel cable run without the need for additional cable ties.

Material:

UL Approved Polyamide 6.6, 94V-2



Double Loop Cable Ties

Item No.	Approx. Length L (mm)	Approx. Width W (mm)	Max. Bundle Dia. (mm)	Min. Loop Tensile Strength (kg)	Colour	
DLCT48X200	200	4.8	A:47,B:45	22.2	Black	Natural
DLCT48X300	300	4.8	A:72,B:70	22.2	Black	Natural

CABLE TIES & FIXINGS

Stainless Steel Cable Ties

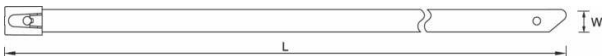


Features:

- Self locking, ball bearing mechanism for quick and easy installation, either by hand or by tensioning tool.
- Plastic coating provides additional edge protection and prevents corrosion between dissimilar metals.
- UV resistant, low smoke, halogen-free material.

Material:

Stainless steel type: #316



Item No.	Approx. Length L (mm)	Approx. Width W (mm)	Max. Bundle Dia. (mm)	Min. Loop Tensile Strength (kg)
SSCT1	150	4.45	35	46
SSCT2	200	4.45	50	46
SSCT6	300	4.45	76	46
SSCT3	370	4.45	102	46
SSCT4	520	4.45	156	46
SSCT5	368	7.96	102	114
SSCT7	500	7.96	150	114



Features:

- For stainless steel ties of thickness up to 0.3mm and Width up to 7.9mm.
- Bundling pressure.
- Material: metal
- Color: light grey
- Dimension: 178*140*29mm

Item No. CTTS

CABLE TIES & FIXINGS

Cable Tie Fixing Clips

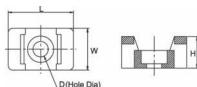


Features:

Cable tie curved design. Simple to install with a screw or bolt they give excellent security, particularly in areas of high vibration when used in conjunction. They must offer one of the most vibration resistant. Designed specifically can be used in many industries from agriculture to truck manufacture, they offer a very secure up to 9.0mm wide.

Material

UL Approved Polyamide 6.6, 94V-2



Item No.	Dimension				COLOUR
	L mm	W mm	H mm	D mm	
CASMS-B	14.9	9.5	7.2	Ø 3.7	Black
CASMS-N	14.9	9.5	7.2	Ø 3.7	Natural
CASMM-B	21.9	15.9	9.7	Ø 5.0	Black
CASMM-N	21.9	15.9	9.7	Ø 5.0	Natural
CASML-B	40.0	18.0	16.0	Ø 9.0	Black

CABLE TIES & FIXINGS

Cable Tie Adhesive Bases

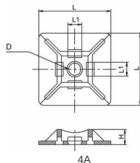


Features:

- The tie mounts offer a 4-way entry for the cable tie enabling quicker and more flexible installation.
- Designed specifically for holding heavier cable bundles. These mounting bases can be used in many industries from agriculture to truck manufacture. They offer a very secure fixing and can be used with a wide variety of heavyduty cable ties up to 5.2mm wide.

Material

- Polyamide 6.6, UL94 V2



Item No.	Dimension				COLOUR	
	L mm	H mm	L1 mm	D mm		
CA19X19	19.00	4.40	4.00	Ø 3.5	Black	Natural
CA28X28	27.70	5.70	5.30	Ø 5.7	Black	Natural
CA40X40	38.10	5.40	9.30	Ø 6.0	Black	Natural

CABLE TIES & FIXINGS

Nylon P Clips

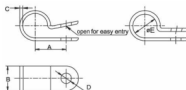


Features:

- Manufactured from Polyamide these Nylon P Clips offer good temperature resistance as well as offering high strength. A feature of the cable clamps are their versatility to accept cables of differing sizes through the use of a range of fixing holes - this feature enables uses to minimize stock holding of a large range of clamps.
- For permanent or semi-permanent, cable fixings for these Nylon P Clips can be used in many industries, their light weight makes them particularly suitable for use in areas such as aircraft and aerospace where minimizing weight, but retaining a strong fixing, is vitally important.

Material:

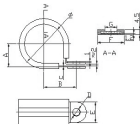
- UL Approved Polyamide 6.6, 94V-2



Item No.	Dimension				Colour	
	ø mm	A mm	B mm	C mm		
PC7	Ø2.90	9.10	12.70	1.50	Black	Natural
PC1	Ø4.80	9.60	9.10	1.27	Black	Natural
PC2	Ø5.90	11.40	12.70	1.50	Black	Natural
PC6	Ø6.60	10.30	9.10	1.27	Black	Natural
PC8	Ø7.80	10.60	9.10	1.27	Black	Natural
PC3	Ø9.10	13.40	12.10	1.50	Black	Natural
PC4	Ø12.20	15.00	12.70	1.50	Black	Natural
PC9	Ø13.80	15.80	12.70	1.50	Black	Natural
PC5	Ø18.60	19.80	12.70	1.50	Black	Natural
PC10	Ø21.80	21.40	12.70	1.50	Black	Natural

CABLE TIES & FIXINGS

EPDM P Clips



Material

- EPDM Rubber, Mild Steel with Zinc Plating.

Features

- EPDM provides anti-vibration qualities to the clip and prevent the cable or pipe from any atmosphere damage like water penetration.
- The mild steel clip is zinc plated for corrosion resistance.
- The stud hole size is M6.6 to take M6 bolts for fastening.

Item No.	Dimension							
	Size	A	B	C	D	E	F	G
EPC05	ø5	3.5	13	0.8	6.6	12	15	7
EPC06	ø6	4.5	15	0.8	6.6	12	15	7
EPC08	ø8	5.5	16	0.8	6.6	12	15	7
EPC09	ø9	6	17	0.8	6.6	12	15	7
EPC10	ø10	6.5	18	0.8	6.6	12	15	7
EPC12	ø12	7.5	19	0.8	6.6	12	15	7
EPC13	ø13	8	19	0.8	6.6	12	15	7
EPC16	ø16	9.5	20	0.8	6.6	12	15	7
EPC19	ø19	11	21	0.8	6.6	12	15	7
EPC21	ø21	12	22	0.8	6.6	12	15	7
EPC22	ø22	12.5	23	0.8	6.6	12	15	7
EPC25	ø25	15	24	0.8	6.6	12	15	7
EPC29	ø29	16	26	0.8	6.6	12	15	7
EPC35	ø35	19	29	0.8	6.6	12	15	7

CABLE TIES & FIXINGS

Masonry Mount Screw

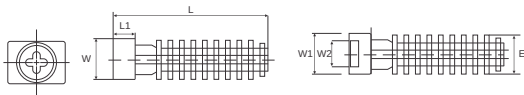


Features:

- The cable tie holders are suitable for use in a wide range of materials including, concrete, brick, block or wood. Installed by knocking into hole (depending on the material). Because of its extended head, the bundles can be located at a distance from the brickwork with the holders.
- The holders, in conjunction with a cable tie, can be used either indoors or outdoors for a diverse range of applications from holding climbing plants, to securing cables running between buildings.
- For wall plug $\varnothing 8$ hole diameter.

Material:

Polyamide 6.6, UL94 V2



Masonry Mount Screw

Item No.	Dimension						Colour
	L mm	L1 mm	W mm	W1 mm	E mm	W2 mm	
CAMM-B	40.5	5.9	15	15	$\varnothing 9.5$	10	Black

TOOLS

Terminal Crimping Tool



Features:

- Wire cutter in front
- Bolt cutter: M2.6/M3/M3.5/M4/M5
- For insulated closure terminals: 1.5/2.5/6.0mm²
- For non-insulated terminals: 1.5/2.5/4.0-6.0mm²
- Wire stripper: 0.75 ~ 6.0mm²
- Length: 240mm

Item No. CMP1

Ratchet Terminal Crimping Tool



Features:

- For insulated terminals from 0.5 to 6 sq.mm.
- Awg 22-18, 16-14, 12-10.
- Length: 242 mm

Item No. CMP2

TOOLS

Ratchet Terminal Crimping Tool



Features:

- For insulated terminals from 0.5 to 6 sq.mm.
AWG 22-18, 16-14, 12-10.
- Length: 258 mm

Item No. CMP3

Ratchet Terminal Crimping Tool



Features:

- For non-insulated open barrel
Terminal from 0.5 to 6 sq.mm.
AWG 22-18, 16-14, 12-10.
- Length: 226 mm

Item No. CMP5

TOOLS

Ratchet Heat Shrink Terminal Crimping Tool



Features:

- For Close End Connector And WPS-Water Proof Splice From 1.5 to 6 sq.mm
- Awg 22-18, 16-14, 12-10
- Length: 225mm

Item No. CMP15

Flag Terminal Crimping Tool



Features:

- For insulated AWG 22-18, 16-14.
- Length: 205 mm

Item No. CMP4

TOOLS

Cord End Terminal Crimping Tools



Features:

- For cord end terminals from 0.5 to 6 sq.mm.
AWG 22-10.
- Length: 205 mm

Item No. CMP16



Features:

- For cord end terminals from 4 to 16 sq.mm.
AWG 12-6.
- Length: 205 mm

Item No. CMP12

TOOLS

Cord End Terminal Crimping Tools



Features:

- For Cable Lugs Terminals from 16 to 35 sq.mm.
AWG 6-2.
- Length: 226 mm

Item No. CMP13



Features:

- Twin cord end crimper 0.5~16 sq.mm.

Item No. CMP14

TOOLS

Copper Tube Terminal Crimping Tools



Features:

- For non-insulated terminals 1.25 To 14 sq.mm.
- For cable lugs From 1.5 to 16 sq.mm.
AWG 22-6.
- Length: 275 mm

Item No. CMP7



Features:

- For cable lugs from 6 to 50 sq.mm.
- Hexagonal pressure.
- Length: 390 mm

Item No. CTC50

TOOLS

Copper Tube Terminal Crimping Tools



Features:

- For cable lugs from 10 to 95 sq.mm.
By a simple screw Adjustment.
- Length: 570 mm

Item No. CTC95

Cable Cutters



Features:

- For copper and aluminum cable up to 38 sq.mm.
#2 AWG.
- Length: 210 mm

Item No. CCUTS

TOOLS

Cable Cutters



Features:

- For copper and aluminum cable up to 80 sq.mm.
Awg 300 mcm.
- Length: 320 mm

Item No. CCUTM



Features:

- for copper and aluminum cable up to 250 sq.mm.
AWG 500 mm.
- Length: 600mm

Item No. CCUTL

TOOLS

Cable Stripper



Specifications

- Alloy steel jaws can strip all types of wire from 10-26awg (0.15 to 6 mm²)
- Metal constructed body with heat treatment.
- Abs adjustable stop controls the length of wire be stripped with bi-component handle.

Features:

- Strip & cut wire from 10-26awg (0.15-6mm²)
- Crimp non-insulated terminals 10-22awg (1.5 to 6.0 mm²)
- Crimp insulated terminals 10-22awg (1.5 to 6.0 mm²)
- Crimp auto ignition terminals 7 to 8mm
- Length: 205 mm

Item No. CSTRU

TOOLS

Cable Tie Tensioner



Features:

- For fast, safe tensioning and cut off cable tie with Width from 2.4mm to 4.8mm.
- Material: metal
- Color: red
- Dimension: 178*140*29mm

Item No. CTTN



Features:

- For stainless steel ties of thickness up to 0.3mm and Width up to 7.9mm.
- Bundling pressure.
- Material: metal
- Color: light grey
- Dimension: 178*140*29mm

Item No. CTTS

TAPES

PVC Insulation Tapes



Product Description

- General Purpose PVC Insulating Tape.
- Colours: Black, Blue, Brown, Yellow, Yellow/Green (Earth), Grey, Red, White and Green.
- Common applications include electrical insulation for all wire and cable joints and repairs, harnessing of wire and cables. Used for indoor and outdoor applications.
- PVC Insulation Tape conforms to BSEN 60454-2 standards.

Item No.	Wide (mm)	Length (m)	Colour
PVC19X20	19	20	Black
PVC19X20	19	20	Blue
PVC19X20	19	20	Brown
PVC19X20	19	20	Green Yellow
PVC19X20	19	20	Green
PVC19X20	19	20	Grey
PVC19X20	19	20	Red
PVC19X20	19	20	White
PVC19X20	19	20	Yellow

PVC19X33	19	33	Black
PVC19X33	19	33	Blue
PVC19X33	19	33	Brown
PVC19X33	19	33	Green Yellow
PVC19X33	19	33	Green
PVC19X33	19	33	Grey
PVC19X33	19	33	Red
PVC19X33	19	33	White
PVC19X33	19	33	Yellow

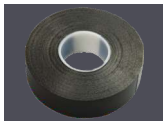
PVC50X33	50	33	Black
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Technical Data

Thickness	0.15mm
Elongation	125%
Tensile strength	20N/10mm
Adhesion	
To steel	2.4N/10mm
To backing	2.2N/10mm
Temperature Rating	90°C
Resistance to flame	Self Extinguishing
Dielectric Strength	40kV/mm
Electrolytic corrosion	A/B1.8
Manufacturing Standard	BSEN 60454-2

TAPES

Self-Amalgamating Tapes



Application

- Strip back the interleaving and stretch the tape to reduce its width by between one third and one half. Keep the tape under tension and map, overlapping successive layers by 50%, until the desired build-up of insulation is achieved. Finish the wrapping by holding the tape under thumb and snap by stretching. The high degree of stretch as describe above will prevent the inclusion of voids and ensure rapid amalgamation.

Item No.	Description	Colour
SAM19X5-BLA	Self-amalgamating tapes 19mm / 5m	Black

Uses:

For jointing (splicing) and repair of a wide range of solid dielectric power cables up to 60kV. The tapes have excellent physical and electrical properties.

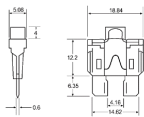
The temperature performance of the tapes in a joint will be compatible with the 90°C continuous, 130°C overload rating of crosslinked polyethylene insulated cables.

In addition to its use at high voltages, as noted above the tapes are suitable for insulating and waterproofing electrical components and connections at lower voltage.

Average Properties	Property Value	Test Method
Thickness	2517: 0.75min (0.030 inches)	-
Tensile Strength	3.0MPa	BS903 Part A2 1989
Elongation at Break	80%	
Fusion and Tackiness	Passes	ASTM D 1373:70
Water Absorption	0.05% (24 hours)	ASTM D 570:63
Corrosion Liability	None	BS 3924:78
Flammability	Similar to that of polyethylene	
Ozone Resistance	Passes	ASTM D 1373:70
Dielectric Strength	36kV/mm (Short time method)	ASTM D 149:64
Dielectric Constant	2.8 (50Hz)	ASTM D 150:74
Power Factor (Tan)	0.006 (50Hz)	
Volume Resistivity (20°C)	1015 ohm-cm	ASTM D 257:75

FUSE AND FUSE HOLDER

Standard Blade Fuses



Material

- Zinc Alloy

Application

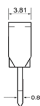
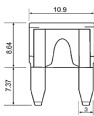
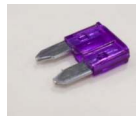
- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Certificate

- Standard Blade Fuses conforms to RoHS standard.

Item No.	AMP Rating	Colour
FUSTBL-1	1 Amp	Light Grey
FUSTBL-2	2 Amp	Grey
FUSTBL-3	3 Amp	Purple
FUSTBL-4	4 Amp	Pink
FUSTBL-5	5 Amp	Tan
FUSTBL-7.5	7.5 Amp	Brown
FUSTBL-10	10 Amp	Red
FUSTBL-15	15 Amp	Blue
FUSTBL-20	20 Amp	Yellow
FUSTBL-25	25 Amp	Natural
FUSTBL-30	30 Amp	Green
FUSTBL-40	40 Amp	Orange

Mini Blade Fuses



Material

- Zinc Alloy

Application

- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

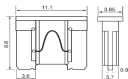
Certificate

- Standard Blade Fuses conforms to RoHS standard.

Item No.	AMP Rating	Colour
FUMNBL-2	2 Amp	Grey
FUMNBL-3	3 Amp	Purple
FUMNBL-4	4 Amp	Pink
FUMNBL-5	5 Amp	Tan
FUMNBL-7.5	7.5 Amp	Brown
FUMNBL-10	10 Amp	Red
FUMNBL-15	15 Amp	Blue
FUMNBL-20	20 Amp	Yellow
FUMNBL-25	25 Amp	Natural
FUMNBL-30	30 Amp	Green

FUSE AND FUSE HOLDER

Micro Blade Fuses



Material

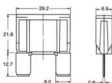
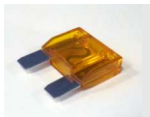
- Zinc Alloy

Application

- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Item No.	AMP Rating	Colour
FUMCBL-3	3 Amp	Purple
FUMCBL-4	4 Amp	Pink
FUMCBL-5	5 Amp	Tan
FUMCBL-7.5	7.5 Amp	Brown
FUMCBL-10	10 Amp	Red
FUMCBL-15	15 Amp	Blue
FUMCBL-20	20 Amp	Yellow
FUMCBL-25	25 Amp	Natural
FUMCBL-30	30 Amp	Green

Maxi Blade Fuses



Material

- Zinc Alloy

Application

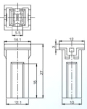
- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Item No.	AMP Rating	Colour
FUMXBL-20	20 Amp	Yellow
FUMXBL-30	30 Amp	Green
FUMXBL-40	40 Amp	Saffron
FUMXBL-50	50 Amp	Red
FUMXBL-60	60 Amp	Blue
FUMXBL-70	70 Amp	Grey
FUMXBL-80	80 Amp	White
FUMXBL-100	100 Amp	Purple

FUSE AND FUSE HOLDER

Cartridge Fuses - JCASE Type





Material

- Copper

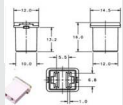
Application

- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Item No.	AMP Rating	Colour
FUJC-20	20 Amp	Blue
FUJC-25	25 Amp	White
FUJC-30	30 Amp	Pink
FUJC-40	40 Amp	Green
FUJC-50	50 Amp	Red
FUJC-60	60 Amp	Yellow

Low Profile Cartridge Fuses - JCASE Type





Material

- Copper

Application

- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Item No.	AMP Rating	Colour
FUJCLP-20	20 Amp	Blue
FUJCLP-25	25 Amp	White
FUJCLP-30	30 Amp	Pink
FUJCLP-40	40 Amp	Green
FUJCLP-50	50 Amp	Red
FUJCLP-60	60 Amp	Yellow

FUSE AND FUSE HOLDER

Auto Glass Fuses (30mm)



Material

- Glass

Application

- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Item No.	AMP Rating	Colour
FUAG-2	2 Amp	Natural
FUAG-5	5 Amp	Natural
FUAG-10	10 Amp	Natural
FUAG-15	15 Amp	Natural
FUAG-20	20 Amp	Natural
FUAG-25	25 Amp	Natural
FUAG-35	35 Amp	Natural
FUAG-50	50 Amp	Natural

Radio Glass Fuses (20mm)



Material

- Glass

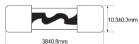
Construction

- 5mm×20mm

Item No.	AMP Rating	Colour
FURG-1	1 Amp	Natural
FURG-1.5	1.5 Amp	Natural
FURG-2	2 Amp	Natural
FURG-3	3 Amp	Natural
FURG-5	5 Amp	Natural
FURG-10	10 Amp	Natural

FUSE AND FUSE HOLDER

Domestic Plug Fuses



Material

- Ceramic

Application

- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Certificate

- Domestic Plug Fuse conforms to BS 1362.

Item No.	AMP Rating	Colour
FUDP-1	1 Amp	Red
FUDP-2	2 Amp	Red
FUDP-3	3 Amp	Red
FUDP-5	5 Amp	Black
FUDP-7	7 Amp	Black
FUDP-10	10 Amp	Black
FUDP-13	13 Amp	Brown

Continental Fuses



Material

- Zinc Alloy

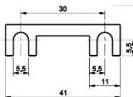
Application

- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Item No.	AMP Rating	Colour
FUCT-5	5 Amp	Yellow
FUCT-8	8 Amp	White
FUCT-16	16Amp	Red
FUCT-25	25 Amp	Blue

FUSE AND FUSE HOLDER

Strip Fuses



Material

- Zinc Alloy

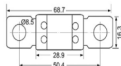
Application

- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Item No.	AMP Rating	Colour
FUST-30	30 Amp	Natural
FUST-40	40 Amp	Natural
FUST-50	50 Amp	Natural
FUST-60	60 Amp	Natural
FUST-80	80 Amp	Natural
FUST-100	100 Amp	Natural

FUSE AND FUSE HOLDER

Mega Fuses



Material

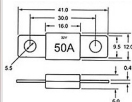
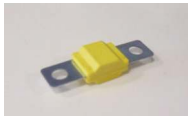
- Zinc Alloy

Application

- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Item No.	AMP Rating	Colour
FUMEG-100	100 Amp	Yellow
FUMEG-125	125 Amp	Green
FUMEG-150	150 Amp	Orange
FUMEG-175	175 Amp	White
FUMEG-200	200 Amp	Blue
FUMEG-225	225 Amp	Light Brown
FUMEG-250	250 Amp	Pink
FUMEG-300	300 Amp	Grey
FUMEG-500	500 Amp	Brown

Midi Fuses



Material

- Zinc Alloy

Application

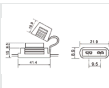
- These fuses are suitable in the automobile special-purpose product 32V following DC voltage fuse.

Item No.	AMP Rating	Colour
FUMID-30	30 Amp	Orange
FUMID-40	40 Amp	Green
FUMID-50	50 Amp	Red
FUMID-60	60 Amp	Yellow
FUMID-70	70 Amp	Brown
FUMID-80	80 Amp	White
FUMID-100	100 Amp	Blue
FUMID-125	125 Amp	Pink
FUMID-150	150 Amp	Black



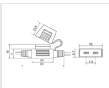
- Used for Standard Blade Fuse

Item No.	Product Description	Colour
FHSTW	Standard Blade Fuse Holders	White
FHSTB	Standard Blade Fuse Holders	Black



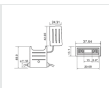
- Used for Standard Blade Fuse

Item No.	AMP Rating	Wire Gauge (AWG)	Wire Colour
FHSPSF30A	30 Amp	12 Awg	Red
FHSPSF20A	20 Amp	14 Awg	Black



- Used for MINI Blade Fuses

Item No.	AMP Rating	Wire Gauge (AWG)	Wire Colour
FHSPMF30A	30 Amp	12 Awg	Red



- Used for MAXI Blade Fuses

Item No.	AMP Rating	Wire Gauge (AWG)	Wire Colour
FHSPMXF80A	80 Amp	8 Awg	Red

FUSE AND FUSE HOLDER

Self-Stripping Blade Fuse Holders

**Material**

- ABS (Acrylonitrile butadiene styrene) plastic with Copper.

Specification

- For automotive type fuses is fitted directly on copper-core flexible wires from 0.5 to 0.8 mm², without stripping. Self tapping design requires no wire stripping.

Item No.	AMP Rating	Wire Gauge (AWG)	Colour
FHSS	20 Amp Max.	16 - 22 Awg	Blue

Auto Glass Fuse Holders

**Material**

- Copper

Application

- Used for Radio and Auto Glass Fuses

Item No.	Product Description	Colour
FHAG1	Auto Glass Fuse Holders	White

Blade Fuse Puller

**Material**

- Nylon

Application

- Used for removal of Blade Fuses

Item No.	Product Description	Colour
FPUL1	Blade Fuse Puller	Yellow
FPUL2	Blade Fuse Puller	Red

BRASS BATTERY TERMINALS

Brass Battery Terminals

Specification:

Brass Battery Terminals are available in Negative and Positive Post in BRASS Finish.

Application:

Instrumentation , Telecommunications, and other Plastic Cases Assembly.

Solderless Type

Item No.	Cable Entry	Weight (g)
BT11	9.5mm Positive	41.50
BT12	9.5mm Negative	41.50
BT21	11.1mm Positive	45.50
BT22	11.1mm Negative	45.50
BT31	14.3mm Positive	48.50
BT32	14.3mm Negative	48.50



Cargo Type - With Plain Nut

Item No.	Stud Size	Weight (g)
BT41	8mm Positive	85.00
BT42	8mm Negative	85.00
BT51	10mm Positive	90.00
BT52	10mm Negative	90.00



Cargo Type - With Wing Nut

Item No.	Stud Size	Weight (g)
BT61	10mm Positive	85.00
BT62	10mm Negative	85.00



SOLDER WIRE

Solder Wire (Sn40Pb60)



Application

- This product is suitable for hand Soldering Process in Electronic & Electrical Assembly. Soldering Iron Set temperature ranging from 400°C to 500°C is recommended to get desired Solder Joints. Solder wire is designed with Flux Cored and Residue may form on Joints which may not contribute any impact to Circuit Assemblies. Cleaning should be done when Rosin Cored Solder Wire is used.
- Soldering Wires conforms to JIS, ANSI, IPC, DIN, ISO Standards.

Item No.	Description	Weight (g)
SOL1.6	Solder Wire 16 SWG / 1.63 mm	500
SOL3.25	Solder Wire 10 SWG / 3.25 mm	500

Technical Details:

Product Description

- High purity Alloy that is composed of 40% Tin and 60% Lead from Virgin Metals.
- Applied by Hand or Feed Soldering Process in Electronic & Electrical Assemblies.
- Non-Corrosive and No Impact of Residue form at Post Soldering which means passes in Pin Probe & Flying Probe Tests for No Clean Wires.
- If require residue shall clean with appropriate Liquid Application.
- Precise amount of Flux cored from state of the art Technology Process.

Storage And Handling

- Do not Fire anything near storage area.
- Store in Dry, Cool and Non-Corrosive environment.
- Wear Personal Protective Equipments while Handling.
- Wear Personal Protective Equipments while Processing.

Product Specification

No.	Item	Specification	Standard
1	Appearance	Bright and shiny finishes	NA
2	Alloy	Sn/Pb60	WS-Z-3282 A CLASS
3	Solidus, Liquidus Point	183°C, 238°C	DSC
4	Flux Content	1.3%, 1.8%, 2.2% ± 0.1 %	WS-Z-3283
5	Flux Type	F4, R, RC	
6	Packaging	500gm 4000gms	
7	Diameter	Up to 19 SWG	WS-Z-3283
8	Features	Excellent solder joint reliability. Superior joint strength. Excellent thermal & Mechanical fatigue resistance. Low cleaning required after solder joint	
9	Purpose	For use in applications requiring good activation.	

SOLDER WIRE

Physical Properties

No.	Test Item	Test Result	Test Method
1	Silver Chromate Test	PASS	IPC-TM-650, 2.6.33
2	Copper Mirror Test	PASS	IPC-TM-650, 2.6.32
3	Copper plate Corrosion	PASS	JIS-Z-3197, 6.6.1
4	S.I.R Test	1x10 ⁴ up	IPC-TM-650, 2.6.3.3
5	Electro migration Test	1x10 ¹¹ up	IPC-TM-650, 2.6.14.1

Alloy Composition

(Sn)	(Pb)	(Sb)	(Cu)	(Bi)	(Zn)	(Fe)	(Al)	(As)	(Cd)
REM	59.5- 60.5	0.12 MAX	0.05 MAX	0.10 MAX	0.002 MAX	0.02 MAX	0.002 MAX	0.03 MAX	0.002 MAX

SOLDER WIRE

Solder Wire (Sn60Pb40)



Application

- This product is suitable for hand Soldering Process in Electronic & Electrical Assembly. Soldering Iron Set temperature ranging from 350°C to 425°C is recommended to get desired Solder Joints. Solder wire is designed with Flux Cored and Residue may form on Joints which may not contribute any impact to Circuit Assemblies. Cleaning should be done when Rosin Cored Solder Wire issued.
- Soldering Wires conforms to JIS, ANSI, IPC, DIN, ISO Standards.

Item No.	Description	Weight (g)
SOL0.5	Solder Wire 26 SWG / 0.46 mm	250
SOL0.8	Solder Wire 22 SWG / 0.71 mm	500
SOL1.2	Solder Wire 18 SWG / 1.22 mm	500

Technical Details:

Product Description

- High purity Alloy that is composed of 60% Tin and 40% Lead from Virgin Metals.
- Applied by Hand or Feed Soldering Process in Electronic & Electrical Assemblies.
- Non-Corrosive and No Impact of Residue form at Post Soldering which means passes in Pin Probe & Flying Probe Tests for No Clean Wires.
- If require residue shall clean with appropriate Liquid Application.
- Precise amount of Flux cored from state of the art Technology Process.

Storage And Handling

- Do not Fire anything near storage area.
- Store in Dry, Cool and Non-Corrosive environment.
- Wear Personal Protective Equipments while Handling.
- Wear Personal Protective Equipments while Processing.

Product Specification

No.	Item	Specification	Standard
1	Appearance	Bright and shiny finishes	NA
2	Alloy	Sn/Pb60	JIS-Z-3282 A CLASS
3	Melting Point	183°C	DSC
4	Flux Content	1.3%, 1.8%, 2.2% ± 0.1 %	JIS-Z-3283
5	Flux Type	F4, R, RC	NA
6	Packaging	500gm	
7	Diameter	Up to 30 SWG	JIS-Z-3283
8	Features	Excellent solder joint reliability. Superior joint strength. Excellent thermal & Mechanical fatigue resistance. Low cleaning required after solder joint	
9	Purpose	For use in applications requiring good activation.	

SOLDER WIRE

Physical Properties

No.	Test Item	Test Result	Test Method
1	Silver Chromate Test	PASS	IPC-TM-650, 2.6.33
2	Copper Mirror Test	PASS	IPC-TM-650, 2.6.32
3	Copper plate Corrosion	PASS	JIS-Z-3197, 6.6.1
4	S.I.R Test	1x10 ⁶ up	IPC-TM-650, 2.6.3.3
5	Electro migration Test	1x10 ⁻¹⁰ up	IPC-TM-650, 2.6.14.1

Alloy Composition

(Sn)	(Pb)	(Sb)	(Cu)	(Bi)	(Zn)	(Fe)	(Al)	(As)	(Cd)
REM	39.5-40.5	0.12 MAX	0.05 MAX	0.10 MAX	0.002 MAX	0.02 MAX	0.002 MAX	0.03 MAX	0.002 MAX

SOLDER WIRE

Solder Wire – Ultra Low Residue



Application

- This product is suitable for hand Soldering Process in Electronic & Electrical Assembly. Soldering Iron Set temperature ranging from 350°C to 425°C is recommended to get desired Solder Joints. Solder wire is designed with Flux Cored and Residue may form on Joints which may not contribute any impact to Circuit Assemblies. Cleaning should be done when Rosin Cored Solder Wire is used.
- Soldering Wires conforms to JIS, ANSI, IPC, DIN, ISO Standards.

Item No.	Description	Weight (g)
NCSOL0.5	Solder Wire 26 SWG/0.46mm(Sn/Pb-60/40)	250
NCSOL0.8	Solder Wire 22 SWG/0.71mm(Sn/Pb-60/40)	500
NCSOL1.2	Solder Wire 18 SWG/1.22mm(Sn/Pb-60/40)	500

Technical Details:

Product Description

- High purity Alloy that is composed of 60% Tin and 40% Lead from Virgin Metals.
- Applied by Hand or Feed Soldering Process in Electronic & Electrical Assemblies.
- Non-Corrosive and No Impact of Residue form at Post Soldering which means passes in Pin Probe & Flying Probe Tests for No Clean Wires.
- If require residue shall clean with appropriate Liquid Application.
- Precise amount of Flux cored from state of the art Technology Process.

Storage And Handling

- Do not Fire anything near storage area.
- Store in Dry, Cool and Non-Corrosive environment.
- Wear Personal Protective Equipments while Handling.
- Wear Personal Protective Equipments while Processing.

Product Specification

No.	Item	Specification	Standard
1	Appearance	Bright and shiny finishes	NA
2	Alloy	Sn/Pb60	JIS-Z-3282 A CLASS
3	Melting Point	183°C	DSC
4	Flux Content	1.3%, 1.8%, 2.2% ± 0.1 %	JIS-Z-3283
5	Flux Type	F4, R, RC	NA
6	Packaging	500gm	
7	Diameter	Up to 30 SWG	JIS-Z-3283
8	Features	Excellent solder joint reliability. Superior joint strength. Excellent thermal & Mechanical fatigue resistance. Low cleaning required after solder joint	
9	Purpose	For use in applications requiring good activation.	

SOLDER WIRE

Physical Properties

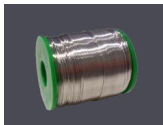
No.	Test Item	Test Result	Test Method
1	Silver Chromate Test	PASS	IPC-TM-650, 2.6.33
2	Copper Mirror Test	PASS	IPC-TM-650, 2.6.32
3	Copper plate Corrosion	PASS	JIS-Z-3197, 6.6.1
4	S.I.R Test	1x10 ⁸ up	IPC-TM-650, 2.6.3.3
5	Electro migration Test	1x10 ¹² up	IPC-TM-650, 2.6.14.1

Alloy Composition

(Sn)	(Pb)	(Sb)	(Cu)	(Bi)	(Zn)	(Fe)	(Al)	(As)	(Cd)
REM	39.5-40.5	0.12 MAX	0.05 MAX	0.10 MAX	0.002 MAX	0.02 MAX	0.002 MAX	0.03 MAX	0.002 MAX

SOLDER WIRE

Solder Wire - Lead Free



Product Description

- Sn99.3Cu0.7 RoHS Compliance Solder Wires are being formulated with High Virgin Raw Metals Processed in state-of-the-art Vacuum Technology that brings world class Quality along. Here, Oxygen interaction with Alloy is Nil and thus, Dross formation is reduced at PCB Assembly Process. Also an increase flow rate & reduced impurities found. Sn99.3Cu0.7 Alloy is compatible for a typical range of Flux Application Formulas used in Electronics Industry Today.
- Soldering Wires conform to RoHS, JIS, ANSI, IPC, DIN, ISO standards.

Item No.	Description	Weight (g)
SOL0.8LF	Solder Wire - Lead Free 22 SWG / 0.71 mm	500
SOL1.2LF	Solder Wire - Lead Free 18 SWG / 1.22 mm	500
SOL1.6LF	Solder Wire - Lead Free 16 SWG / 1.63 mm	500
SOL3.25LF	Solder Wire - Lead Free 10 SWG / 3.25 mm	500

Technical Details:

Storage And Handling

- Do not use Fire near storage area.
- Store in Dry, Cool and Non-Corrosive environment.
- Wear Personal Protective Equipments while Handling.
- Wear Personal Protective Equipments while Processing.

Product Specification

No.	Item	Specification	Standard
1	Appearance	Bright and shiny surface finishes	
2	Alloy	Sn99.3/Cu0.7	JIS-Z-3282 A CLASS
3	Melting Point	227°C	DSC
4	Flux Content	2.0 ±0.5 %	JIS-Z-3283
5	Halide Content Under	0.1%	JIS-Z-3283
6	Gravity	7.4gm/cm³ at 20°C	
7	Spread ability	> 80%	JIS-Z-3197
8	Packaging	500gm	
9	Diameters/ Tolerances	Up to 0.30mm ± 0.02 mm	JIS-Z-3283
10	Flux Type	ROL0	J-STD-004
11	RoHS Complaint	Yes	International Standards
12	Features	Excellent solder joint reliability. Superior joint strength. Excellent thermal & Mechanical fatigue resistance. Low cleaning required after solder joint.	
13	Purpose	For use in applications requiring good activation.	

SOLDER WIRE

Physical Properties

No.	Test Item	Test Result	Test Method
1	Silver Chromate Test	PASS	IPC-TM-650, 2.6.33
2	Copper Mirror Test	PASS	IPC-TM-650, 2.6.32
3	Copper plate Corrosion	PASS	JIS-Z-3197, 6.6.1
4	S.I.R Test	1x10 ⁶ up	IPC-TM-650, 2.6.3.3
5	Electro migration Test	1x10 ¹⁰ up	IPC-TM-650, 2.6.14.1

Alloy Composition

(Sn)	(Cu)	(Zn)	(Al)	(Sb)	(Fe)	(Fe)	(As)	(Bi)	(Cd)	(Pb)
REM	0.3 - 0.7	0.002 MAX	0.002 MAX	0.12 MAX	0.02 MAX	0.02 MAX	0.03 MAX	0.10 MAX	0.002 MAX	0.02 MAX



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