Copper Fork Terminals Non-Insulated, Tin Plated UL Certified JW-TM02

Model No. JW-TM02



SPECIFICATIONS

Material	Copper
Surface Treatment	Tin plating
Certifications	UL, CE
Connector Types	PH, VH, JST, Spade
Sizes	2.8, 4.8, 6.3 terminals

JW-TM02 is a non-insulated copper fork terminal, tin plated, in 2.8, 4.8 and 6.3 mm spade widths for PH, VH, JST and spade connector types. It is UL and CE certified and supplied on a continuous strip for applicator crimping. The open throat slides under a screw without the screw being removed.

An insulated terminal hides the crimp behind a sleeve and caps the working temperature at the sleeve rating. TM02 leaves the barrel open, so crimp height and strand fill can be checked at inspection, and the joint runs at the temperature of the connection rather than of the plastic. Tin plating on copper keeps contact resistance stable against brass and tinned terminal blocks, and the open throat means a screw only needs backing off for service.

Compared with the JW-TM01 ring terminal, TM02 trades the closed eye for serviceability: the fork is added or removed with the screw in place, but it releases if the screw loosens. JW-TM03 covers the same mating styles with a brass body and nylon sleeve where an insulated joint is specified.

Key Features

1. Non-insulated barrel, so crimp height, strand fill and any withdrawn strands are visible at inspection.

2. Copper body, tin plated, for stable contact resistance on brass and tinned terminal blocks over repeated mating.

3. Open fork throat in 2.8, 4.8 and 6.3 mm widths, matching PH, VH, JST and spade tabs without an adapter.

4. UL and CE certification for the terminal as supplied, allowing use in certified panel and appliance assemblies.

5. Barrel and fork are formed from one copper strip with no brazed joint, removing a dissimilar-metal interface at the crimp.

6. Continuous strip supply, so a benchtop applicator indexes and cuts each terminal instead of the operator handling loose parts.

Technical Specifications

Parameter	Specification
Model	JW-TM02
Product type	Non-insulated fork (spade) terminal
Material	Copper
Surface treatment	Tin plating
Certifications	UL, CE
Terminal sizes	2.8 / 4.8 / 6.3 mm
Connector types	PH, VH, JST, spade
Insulation	None
Supply form	Carrier strip

Applications

— PCB terminal blocks - PH and VH headers on control boards, stranded wire crimped with a 2.8 or 4.8 mm fork.

— Relay and contactor wiring - coil and contact tabs in panel assemblies where the screw stays in place during service.

— Sensor and switch looms - JST and spade tabs on limit switches, proximity sensors and solenoid valves.

— Appliance internal wiring - 6.3 mm spade tabs on heating elements and motor terminals at joint temperature.

— Automotive sub-assemblies - non-insulated fork terminations on fused circuits where crimp inspection is part of the quality gate.



Consulting business

Product number	30300B
product name	RNB S1.25-4
species	Terminal
working frequency	high frequency
Scope of application	cable
Interface Type	DIN (large/medium/small)
shape	Bar
Line length	1mm
Craftsmanship	Cold pressing
Custom processing	no
characteristic	other
Contact material	copper



Product number	30300C
product name	RH1205301-50C
species	Terminal
working frequency	high frequency
Scope of application	communication
Interface Type	D-SUB(VGA)
shape	Bar
Line length	1mm
Craftsmanship	Stamping, other
Custom processing	no
Support card number	All in one
Card reader type	PCMCIA

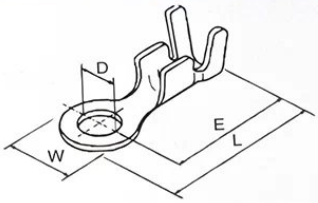
Product parameter



Product number	30300A
product name	European terminal
species	Terminal
working frequency	high frequency
Scope of application	communication
Interface Type	DC/DC
shape	Round
Line length	1mm
Craftsmanship	Injection molding
Custom processing	no
characteristic	other
Contact material	copper

Round continuous terminal





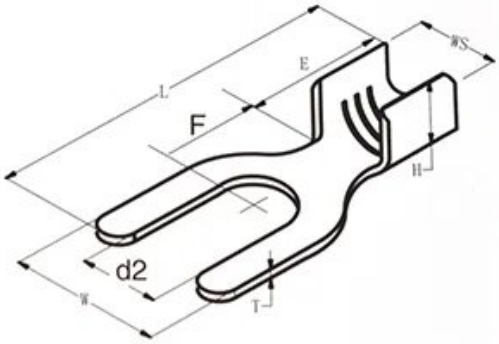
PartNo.型号	Material材质			MaterialThickness 料厚(mm)	WireRang(AWG) 电线范围(线号)	Dimension尺寸(mm)				Packing包装
						L	E	D	W	
RT 70025	01	銅	Brass	0.3 0.4 0.5	14–20 (2.0–0.52)	16.8	13.3	2.5	7.0	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RT 70032	01	銅	Brass	0.3 0.4 0.5	14–20 (2.0–0.52)	16.8	13.3	3.2	7.0	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RT 70037	01	銅	Brass	0.3 0.4 0.5	14–20 (2.0–0.52)	16.8	13.3	3.7	7.0	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RT 70043	01	銅	Brass	0.3 0.4 0.5	14–20 (2.0–0.52)	16.8	13.3	4.3	7.0	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RT 70051	01	銅	Brass	0.3 0.4 0.5	14–20 (2.0–0.52)	16.8	13.3	5.1	7.0	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RL 75043	01	銅	Brass	0.40 0.50 0.70	14–16 (2.0–0.1.31)	16.8	13.0	4.3	7.5	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RT 75032	01	銅	Brass	0.3 0.4 0.5	14–20 (2.0–0.52)	16.8	13.0	3.2	7.5	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RT 75037	01	銅	Brass	0.3 0.4 0.5	14–20 (2.0–0.52)	16.8	13.0	3.7	7.5	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RT 75043	01	銅	Brass	0.3 0.4 0.5	14–20 (2.0–0.52)	16.8	13.0	4.3	7.5	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RT 75051	01	銅	Brass	0.3 0.4 0.5	14–20 (2.0–0.52)	16.8	13.0	5.1	7.5	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RT 85043	01	銅	Brass	0.3 0.4 0.5	16–20 (2.0–0.52)	18.8	14.5	4.3	8.5	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RL 85043	01	銅	Brass	0.80	14–16	20.8	16.5	4.3	8.5	3K/R
	02	銅鍍錫	Tinned Brass							
	03	銅鍍鎳	Nickel Brass							
RT 85051	01	銅	Brass	0.3 0.4 0.5	16–20 (2.0–0.52)	18.8	14.5	5.1	8.5	7K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RL 85043	01	銅	Brass	0.50 0.80	12–16 (2.5–1.31)	21.0	17.0	4.3	8.5	3K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							
RL 85053	01	銅	Brass	0.50 0.80	12–16 (2.5–1.31)	21.0	17.0	5.3	8.5	3K/R
	02	銅鍍錫	Tinned Brass							
	03	鐵鍍鎳	Nickel Steel							
	04	銅鍍鎳	Nickel Brass							

Non-Insulating Sheath Fork Terminals

Suitable for flexible cords







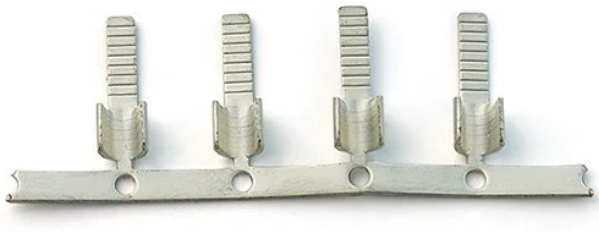
Material: copper
Surface Treatment: Tin Plating

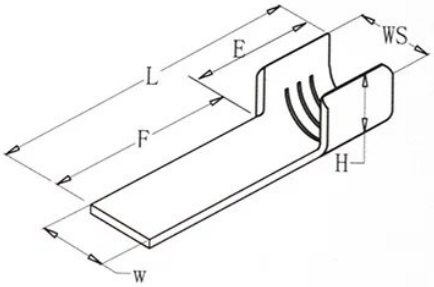
LISTED E341425

Item NO	Cable Size A.W.G	Thickness (mm)	Max Current	USA Screw	Screw Dia. d2(mm)	Dimension(mm)					
						W	L	F	E	Ws	H
SNB 5.5-3.5	4~6 (12~10)	1.0	48A	#6	3.7	7.2	18.2	7.5	6.8	8.0	6.6
SNB 5.5-4 S				#8	4.3	8.3	19.5	7.5			
SNB 5.5-4 L				#8	4.3	9.0	19.5	7.5			
SNB 5.5-5				#10	5.3	9.0	19.5	7.5			
SNB 5.5-6 S				1/4	6.4	9.0	19.5	7.5			
SNB 5.5-6 L				1/4	6.4	12.0	25.5	12.0			
SNB 5.5-8				5/16	8.4	14.0	24.5	11.5			

Non-Insulating Sheath Blade Terminals

Suitable for flexible cords





Material: copper
Surface Treatment: Tin Plating

Item NO	Cable Size A.W.G	Thickness (mm)	Max Current	Dimension(mm)					
				W	L	F	E	Ws	H
DBN 1.25-10	0.5~1.5 (22~16)	0.75	19A	2.3	14.8	10.0	4.8	4.2	4.0
DBN 1.25-14				2.3	18.8	14.0			
DBN 1.25-18				2.2	22.8	18.0			

Item NO	Cable Size A.W.G	Thickness (mm)	Max Current	Dimension(mm)					
				W	L	F	E	Ws	H
DBN 2-10	1.5~2.5 (16~14)	0.8	27A	2.8	14.8	10.0	4.8	5.0	5.0
DBN 2-14				2.4	18.8	14.1			
DBN 2-18				2.2	22.8	18.0			

Item NO	Cable Size A.W.G	Thickness (mm)	Max Current	Dimension(mm)					
				W	L	F	E	Ws	H
DBN 5.5-10	4~6 (12~10)	1.0	48A	2.8	16	10.0	6.0	8.0	6.6
DBN 5.5-14				4.5	20.0	14.0			
DBN 5.5-18				4.5	24.0	18.0			

Item NO	Material	Thickness (mm)	Wire Rang(AWG)	Max Current	Dimension(mm)					
					L	W	F	E	Ws	H
DBN 8-14	Copper	1.2	6~10(8)	62A	22.6	5.0	14	8.4	8.6	8.7