

Rectangular Tongue Terminals

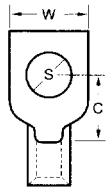
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1-800-800-0449



Rectangular Tongue Terminals 22 to 10 Wire Range



MATERIAL: COPPER

Wire Range	Stud Size S	Max. Width W	Min. Clearance C	KRIMPITITE®		INSULKRIMP® (PVC INSULATION)		VERSAKRIMP™		AVIKRIMP® (NYLON INSULATION)		
				Part Number	Max. Length L	Part Number	Max. Length L	Part Number	Max. Length L	Part Number	Max. Length L	
22-18 0.3-1.0mm	1-2 (2)	.197 (5.0)	.173 (4.4)	—	.507 (12.9)	AA-2110-02X	.732 (18.6)	AA-3110-02	.507 (12.9)	—	.732 (18.6)	
	3-4 (2,6)	.197 (5.0)	.173 (4.4)	—	.507 (12.9)	—	.732 (18.6)	AA-3110-04	.507 (12.9)	—	.732 (18.6)	
	5-6 (3-3,5)	306 (7.8)	207 (5.3)	AA-114-04	.560 (14.2)	AA-214-04X	.785 (19.9)	AA-314-04	.560 (14.2)	—	.785 (19.9)	
		.306 (7.8)	207 (5.3)	AA-114-06	.560 (14.2)	AA-214-06X	.785 (19.9)	AA-314-06	.560 (14.2)	—	.785 (19.9)	
	8 (4)	.335 (8.5)	235 (6.0)	—	.640 (16.2)	—	.865 (22.0)	AA-398-06	.640 (16.2)	—	.865 (22.0)	
		.306 (7.8)	207 (5.3)	AA-114-08	.560 (14.2)	AA-214-08X	.785 (19.9)	AA-314-08	.560 (14.2)	—	.785 (19.9)	
	10 (-)	.335 (8.5)	235 (6.0)	—	.640 (16.2)	—	.865 (22.0)	AA-398-08	.640 (16.2)	—	.865 (22.0)	
		.385 (9.8)	235 (6.0)	—	.640 (16.2)	—	.865 (22.0)	AA-395-10	.640 (16.2)	—	.865 (22.0)	
	16-14 1.2-2.0mm	3-4 (2,6)	.305 (7.7)	.211 (5.4)	—	.564 (14.3)	BB-213-04X	.789 (20.0)	BB-313-04	.564 (14.3)	BB-813-04	.804 (20.4)
		5-6 (3-3,5)	.305 (7.7)	.211 (5.4)	—	.564 (14.3)	BB-213-06X	.789 (20.0)	BB-313-06	.564 (14.3)	—	.804 (20.4)
8 (4)		.335 (8.5)	235 (6.0)	—	.643 (16.3)	BB-288-06X	.868 (22.1)	BB-388-06	.643 (16.3)	—	.883 (22.4)	
		.305 (7.7)	.211 (5.4)	—	.564 (14.3)	BB-213-08X	.789 (20.0)	BB-313-08	.564 (14.3)	—	.804 (20.4)	
10 (-)		.335 (8.5)	235 (6.0)	—	.643 (16.3)	BB-288-08X	.868 (22.1)	BB-388-08	.643 (16.3)	—	.883 (22.4)	
		.335 (8.5)	235 (6.0)	—	.643 (16.3)	BB-288-10X	.868 (22.1)	—	.643 (16.3)	—	.883 (22.4)	
12-10 3.0-6.0mm	5-6 (3-3,5)	.330 (8.4)	.305 (7.8)	C-1106-06	.784 (19.9)	C-2106-06X	1.075 (21.3)	—	.784 (19.9)	—	1.090 (27.7)	
	8 (4)	.385 (9.8)	.301 (7.7)	—	.805 (20.4)	C-212-08X	1.096 (27.8)	—	.805 (20.4)	—	1.111 (28.2)	
	10 (-)	.385 (9.8)	.301 (7.7)	—	.805 (20.4)	C-212-10X	1.096 (27.8)	C-312-10	.805 (20.4)	—	1.111 (28.2)	

Product Specifications

Wire Range	Barrel Length	Material Thickness Max.	Insulation Color	Max. Wire Insulation Dia.		
				Insulkrimp®	Avikrimp®	Circular Mil Area
22-18 AWG	.175 (4,4)	.032 (0,8)	Red	.145 (3,7)	.140 (3,6)	509-2,600
16-14 AWG	.175 (4,4)	.032 (0,8)	Blue	.175 (4,4)	.170 (4,3)	2,050-5,180
12-10 AWG	.250 (6,4)	.040 (1,0)	Yellow	.250 (6,4)	.225 (5,7)	5,180-13,100

†For heavier wire insulation the maximum wire insulation diameter can be expanded to .255 (6,5) by adding "X" to the end of the part number.
Note: For Terminals on Mylar Tape, add "T" at the end of loose piece part number.

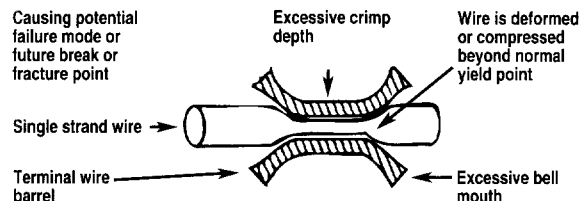
CRIMP TIP . .

The Type of Die Effects The Final Tensile Value In Several Ways

(1) If the die (as in the indenter type) does not indent far enough, a void may be created in the compressed joint permitting the individual strands to shift, thus loosening the connection.



(2) If the die presses too tightly, the individual strands can be squeezed and elongated causing a weak point in the conductor. This can cause the wire to break at a lower than allowable tensile strength and/or create a heat rise across the joint.



(3) Another way to cause tensile failure is not compressing the barrel enough to hold the conductor securely. Molex-ETC products are designed to eliminate these problems.