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365-2087

365-2099

Formed two-piece contacts

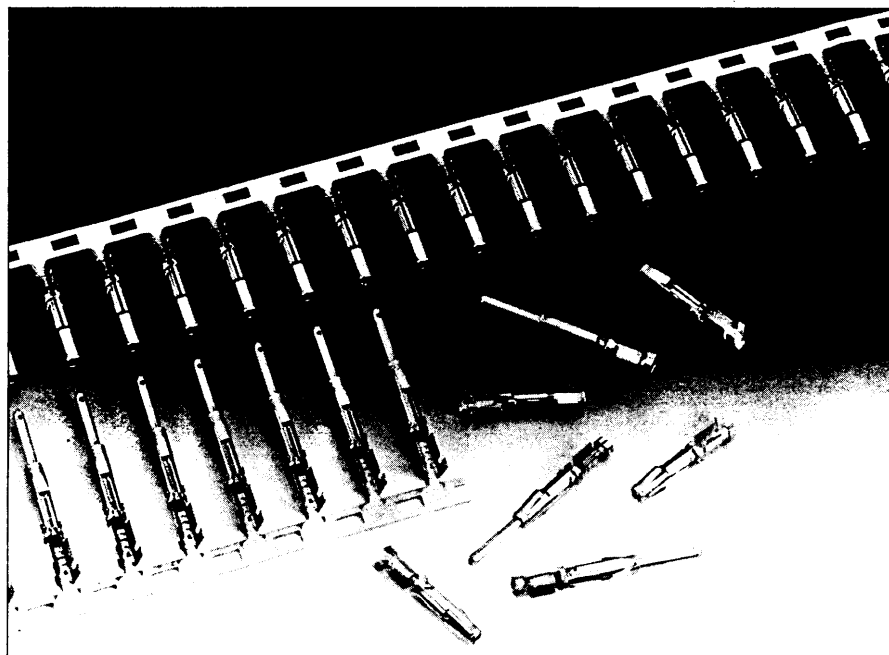
SM/SC series

Description

N° 16 SM/SC .0625" (1,6 mm) diameter contacts are two-piece strip formed crimp snap-in pin and sockets. They outperform many more expensive contacts and have all the installation advantages associated with an open barrel crimp.

Features and benefits

- Made from high conductivity copper alloy with tin or gold plate finish
- Two piece construction with dual purpose spring which serves for contact retention and protects the body against damage
- Smooth pin nose and large socket entry provide easy and sure mating



Performance characteristics

Current rating	: 13 Amp
Contact resistance	: $\leq 6 \text{ m}\Omega$
Operating voltage	: 750 V RMS
Contact retention in body	: 65 N min.
Individual insertion force	: 3,5 N max.
Individual withdrawal force	: 0,55 N min.

Construction

Contact body	: High conductivity copper alloy
Outer spring	: Stainless steel
Plating	: S6 = 0,75 μ Gold min selective over Nickel D70 = Gold flash over Nickel TK6 = Tin alloy preplated

Connector accommodation

Any TRIM TRIO contact can be used in any contact position in any connector in the TRIM TRIO interconnection system.

- MS-M Rectangular connectors
- SMS Qikmate connectors
- UT-Bantam connectors
- Metalok Bantam connectors.

How to order

SM 20 M (L) 1 TK6

Plating indication

Design variation

Preformed loose piece contacts

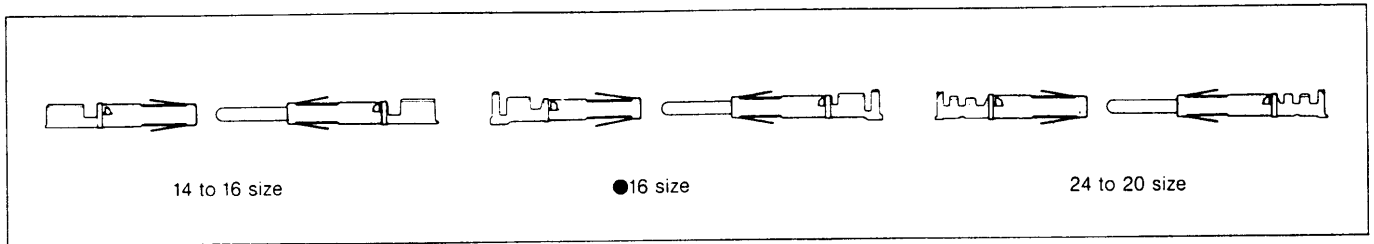
American crimp barrel for AWG wire

Wire size

Contact type

SM = male contact
SC = female contact

Dimensions



Wire size		Wire Insulation Diameter mm	Wire Strip Length mm	** Contacts on strip + Loose piece		Installation tooling			Extraction tool
AWG	mm ²			Pin	Socket	M8ND / Y8ND Die set	Handtool for Loose piece	Semi Automatic Crimping Machine J-CMP 150 B Applicator	
26	0,13	0,89	4,0	**SM 24 M-1TK6 +SM 24 ML-1TK6	**SC 24 M-1TK6 +SC 24 ML-1TK6	N 24 RT-11		CMLOG 1314-3	RX 20-25 GE1
24	0,25	1,58	4,0	**SM 20 M-1TK6 +SM 20 ML-1TK6	**SC 20 M-1TK6 +SC 20 ML-1TK6	N 20 RT-29	Y 16SCM-2 Y 14SCM-2	CMLOG 1314-3	
22	0,35	1,17	4,0	**SM 20 M-1TK6 +SM 20 ML-1TK6	**SC 20 M-1TK6 +SC 20 ML-1TK6	N 20 RT-29	Y 16SCM-2 Y 14SCM-2	CMLOG 1314-3	
18	0,80	2,0	4,65	**SM 16 M-11TK6 +SM 16 ML-11TK6●	**SC 16 M-11TK6 +SC 16 ML-11TK6●	N 16 RT-26		CMLOG 1308-3	
16	1,50	3,0	4,65	**SM 16 M-11TK6 +SM 16 ML-11TK6●	**SC 16 M-11TK6 +SC 16 ML-11TK6●	N 16 RT-26		CMLOG 1308-3	
18	0,80	-	6,35	**SM 16 M-1TK6 +SM 16 ML-1TK6	**SC 16 M-1TK6 +SC 16 ML-1TK6	N 16 RT-24	Y 14SCM-2	CMLOG 866-3	
16	1,50	3,0	6,35	**SM 16 M-1TK6 +SM 16 ML-1TK6	**SC 16 M-1TK6 +SC 16 ML-1TK6	N 16 RT-24	Y 14SCM-2	CMLOG 866-3	
14	2,0	3,0	6,35	**SM 14 M-1TK6 +SM 14 ML-1TK6	**SC 14 M-1TK6 +SC 14 ML-1TK6	N 14 RT-13		CMLOG 866-3	

All catalogue numbers are for Tin plated contacts – add S6 for selective gold plating.
 Contacts packing : ** Contacts on strip : 3000 units per reel. – + Loose contacts : use handtooling.