

Trim Trio Interconnection System

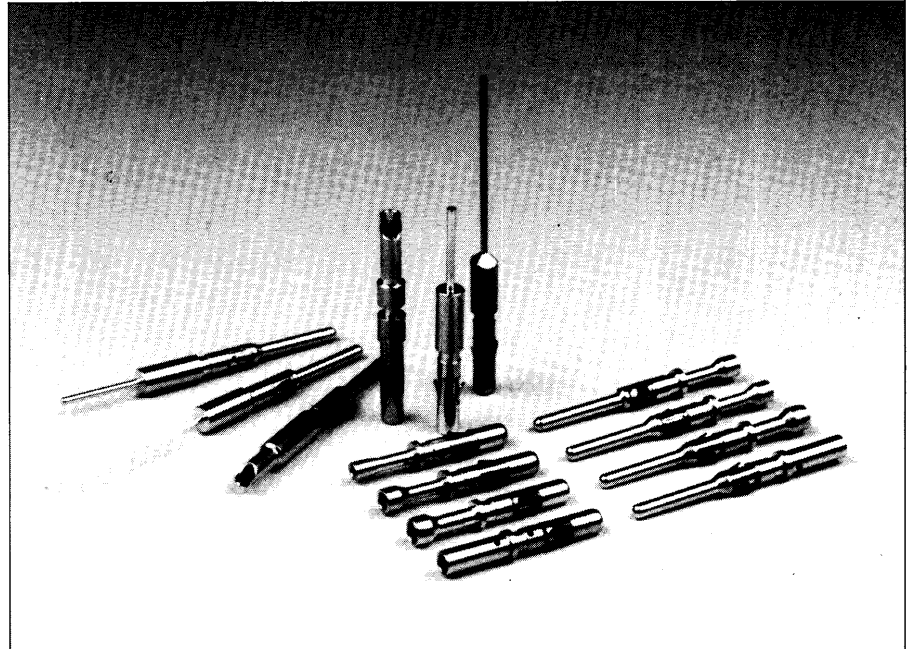
RM/RC Machined contacts

Description

N° 16 RM/RC .0625" (1,6 mm) diameter contacts are precision solid machined crimp snap-in pin and sockets for heavy duty top performance requirements.

Features and benefits

- Made from high conductivity copper alloy with gold over nickel plate finish
- Heat-treated beryllium copper locking springs assure proper locking and alignment of contacts in the housing
- Colour coded for different wire sizes
- Closed entry design to prevent probe damage



Performance characteristics

Current rating	: 13 Amp
Contact resistance	: 3 mΩ
Operating voltage	: 750 V RMS
Contact retention in body	: 110 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: Tempered, heat treated beryllium copper; colour coded

Inner spring: Tempered, heat treated beryllium copper

Plating: — K = 0,4 μ Gold min over Nickel
 — J = Gold flash over Nickel
 — PC = 0,4 μ Palladium + Gold flash over Nickel
 — T = 3-5 μ Tin

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

RM 16 M 23 (GE1) K

Plating indication

Grounding contact

Design variation

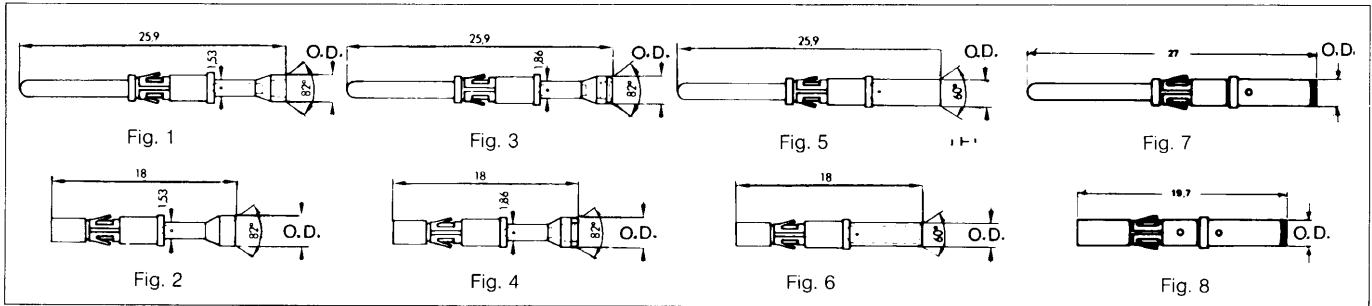
Crimp type .0625" diameter contact

AWG size

Contact type

- RM = male contact
- RC = female contact

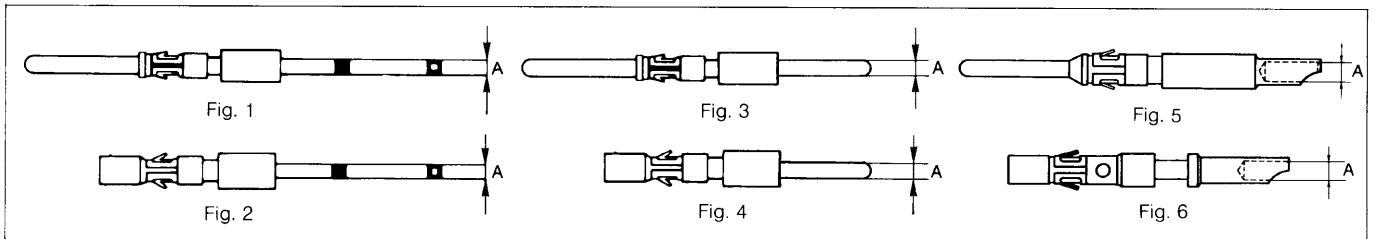
Standard RM/RC crimp contacts



Wire size	Wire insul. Diameter mm		Wire strip Length min.	Catalogue number					Colour Code	Hand-Tooling			Semi-auto crimping machine	Extraction Tool	
	AWG	mm ²		Min.	Max.	Pin	Fig.	Socket		Fig.	O.D.	Y16RCM Crimp groove			MH 860
30 28	0,05 0,08	0,75 1,10	4,8	+RM 28M 1K	1	+RC 28M 1K	2	1,93	Yellow	—	MH 86164 G	5/4 6/5	RCY 120	RX 20 25 GE1	
26 24	0,13 0,20	0,90 1,70	4,8	+RM 24M 9K*	1	+RC 24M 9K*	2	2,56	Red	24		5 6			
22 20	0,32 0,52	1,20 1,90	4,8	+RM 20M 13K	3	+RC 20M 13K	4	2,95	Black	20	MH 86164 G	5/7 6/7	RCY 120		
22 20	0,32 0,52	1,50 2,20	4,8	+RM 20M 12K*	3	+RC 20M 12K*	4	2,95	Blue	20		5/7 6/7			
20 16	0,52 1,50	— 3,2	7	+RM 16M 23K*	5	+RC 16M 23K*	6	2,56	Green	16	MH 86164 G	6 8	RCY 120		
20 16	0,52 1,50	— 3,2	7	+RM 16M 23GE1K	7	+RC 16M23GE1K	8	2,56	Green	16		6 8			

* Standard item. + Loose contacts 50 units per standard packing.

Special RM/RC contacts



Catalogue number				Length out of MSM body	Post cross Section A	wire sizes		Colour code	Anti-rotating bushing Catalogue N°	Extraction Tool
Pin contacts	Fig.	Socket contacts	Fig.			A.W.G.	mm ²			
RM 20 M 12G4K	1	RC 20 M 12G4K	2	16	□ 0,635 x 0,635	28-30 solid	0,08 x 0,05 solid	Nickel	J1661	RX 20 25 GE1
RMM 207 C GE00K	1	RCM 207 C GE00K	2	16	□ 1 x 1	20-26 solid	0,52 x 0,13 solid	Black	J1661C-GE00	
RM 20 M-12E8K	3	RC 20 M-12E8K	4	5,5	∅ 0,9	—	—	Nickel	—	
RM 16 SE0K	5	RC 16 SE4K	6	3,5	∅ 1,7	16-20	1,50-0,52	Green	—	

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