

RMDX/RCDX



Size 16 MULTIPIECE COAXIAL contacts for TRIM TRIO connectors

Description

Size 16 RMDX/RCDX Multipiece .0625" (1.6mm) diameter contacts are subminiature coaxial contacts to cover a wide range of subminiature coaxial and twisted pair cables. They are suitable in applications where a mix of signal, power and coaxial cable terminations for low frequency, shielded signal and high frequency applications are needed.

The contact consist of an inner pin/socket and an outer male/female body. The thermoplastic insulating bushing in the outer body is designed to accept and permanently retain the inner contact. The outer ferrule hold the outer braid to the outer contact and act as an insulating support to ensure against bending and vibrating stresses.

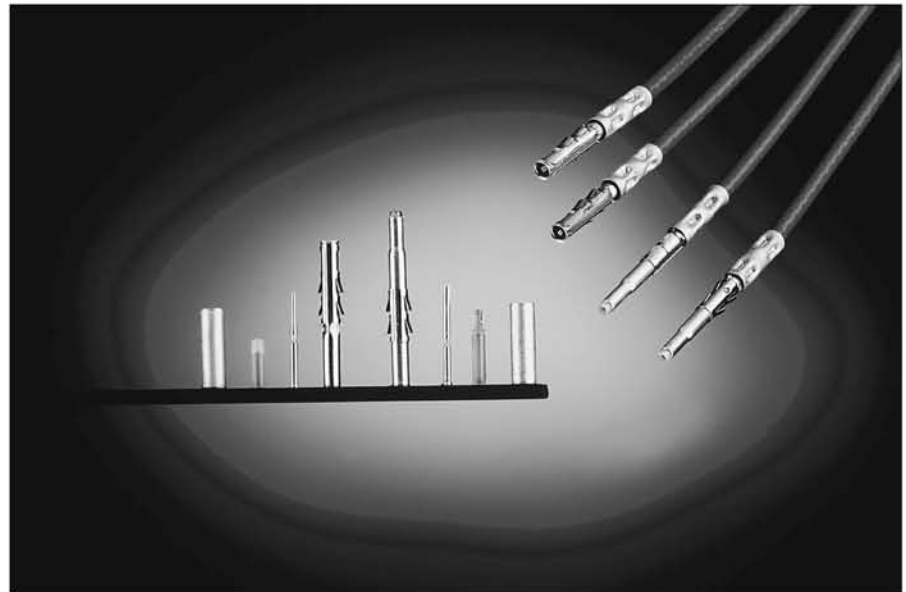
The inner and the outer conductor are crimped individually, thereby enabling inspection of both critical crimp points.

Features and benefits

- The inner and outer conductors are crimped individually
- The thermoplastic insulating bushing in the outer body is designed to accept and permanently retain the inner contact.
- Outer ferrule hold the outer braid to the outer contact and act as an insulating support to ensure against bending and vibration.

Performance characteristics

| | |
|--|------------------|
| Operating voltage between inner / outer contact: | 230 VDC |
| Test potential between inner / outer contact | 750 VAC 1 min. |
| Operating temperature: | -55°C to + 125°C |
| Contact retention in body: | 65 N min. |
| Contact voltage drop at 1A: | 25m V max. |
| Isolation at 30 MHZ: | 140 db. |



Construction

Inner and outer contacts: High conductive copper alloy

Retaining spring: beryllium copper

Insulating bushing: Polyamide 6.6

Plating table

Retaining spring: Nickel plated

Inner and outer contacts:

D28: 0.75µm Gold min. over Nickel

Connector accommodation

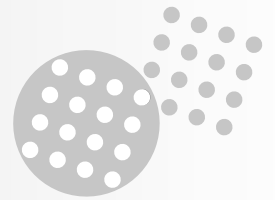
Any TRIM TRIO size 16 contact can be used in any contact position in any connector in the TRIM TRIO size 16 interconnection system.

- MS-M / MSG / MB
- SMS Qikmate
- UTG
- UTP
- UTO
- MBG

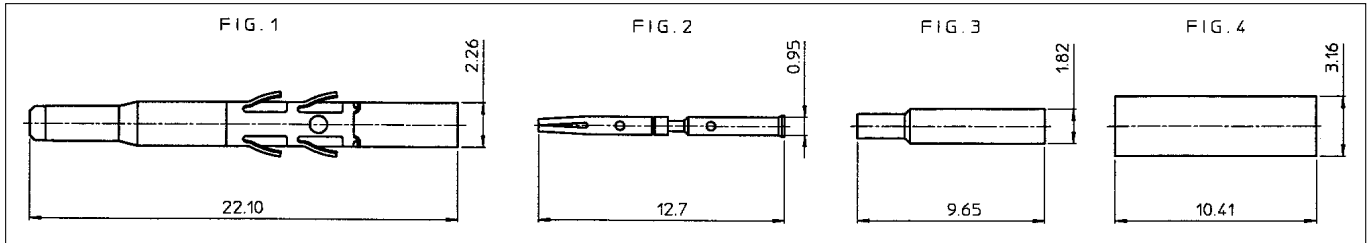
How to order

| | RMDX RCDX | K10 K1 | D28 D28 |
|----------------------------|--|-----------|------------|
| Contact type: | RMDX = Male subminiature coax. RCDX = Female subminiature coax. | | |
| Multipiece coax kit | K10 = Lit male coax. K1 = Kit female coax. | | |
| Plating indication | | | |

RMDX/RCDX



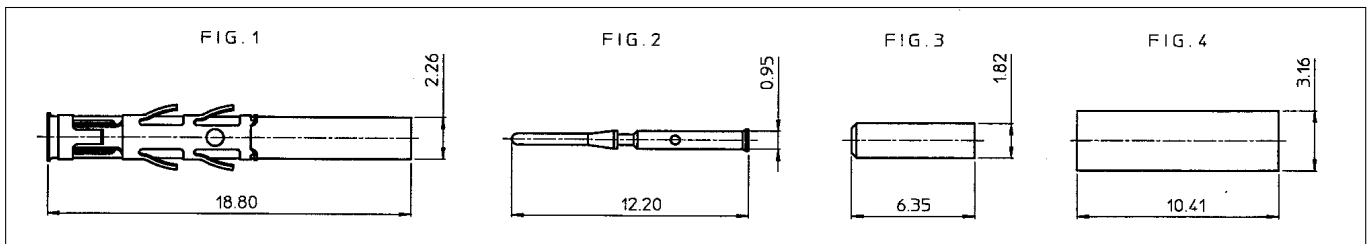
MULTIPIECE Subminiature coax - Male contact for coaxial cable



| Type of coaxial cable | Contact for inner conductor | | | | Contact for outer braid | | | | | | Extrac tool |
|--|-----------------------------|------|--------------------------|--------------|-------------------------|-----|-------------|-----|------------------|--------------|---------------|
| | Inner female contact | | Crimp tool M10S1 | | Outer male contact | | Hyring | | Crimp tool M10S1 | | |
| | Part number | Fig. | Die Set | Stop Bushing | Part number | Fig | Part number | Fig | Die Set | Stop Bushing | |
| RG161U RG179A/U RG179B/U RG187U | RFD26L1D28 | 2 | S23D2 | SL46D2 | RMDX602D28 | 1 | yOC074 | 4 | S22-1 | SL47-1 | RX2025 GE1 |
| S26D2 | | | yOC074 | | | | 4 | | | | |
| S23D2 | | | yOC074 + RMDXB0553 | | | | 4 3 | | | | |

Kit reference RMDXK10D28 includes RMDX602D28 + RFD26L1D28 + yOC074 + RMDXB0553 and are packed in plastic bag.

MULTIPIECE Subminiature coax - Female contact for coaxial cable



| Type of coaxial cable | Contact for inner conductor | | | | Contact for outer braid | | | | | | Extrac tool |
|--|-----------------------------|------|--------------------------|--------------|-------------------------|-----|-------------|-----|------------------|--------------|---------------|
| | Inner male contact | | Crimp tool M10S1 | | Outer female contact | | Hyring | | Crimp tool M10S1 | | |
| | Part number | Fig. | Die Set | Stop Bushing | Part number | Fig | Part number | Fig | Die Set | Stop Bushing | |
| RG161U RG179A/U RG179B/U RG187U | RMD26L1D28 | 2 | S23D2 | SL46D2 | RCDX602D28 | 1 | yOC074 | 4 | S22-1 | SL47-1 | RX2025 GE1 |
| S26D2 | | | yOC074 | | | | 4 | | | | |
| S23D2 | | | yOC074 + RCDXB0551 | | | | 4 3 | | | | |

Kit reference RCDXK1D28 includes RCDX602D28 + RMD26L1D28 + yOC074 + RCDXB0551 and are packed in plastic bag.