

# Trim Trio Interconnection System

105-953

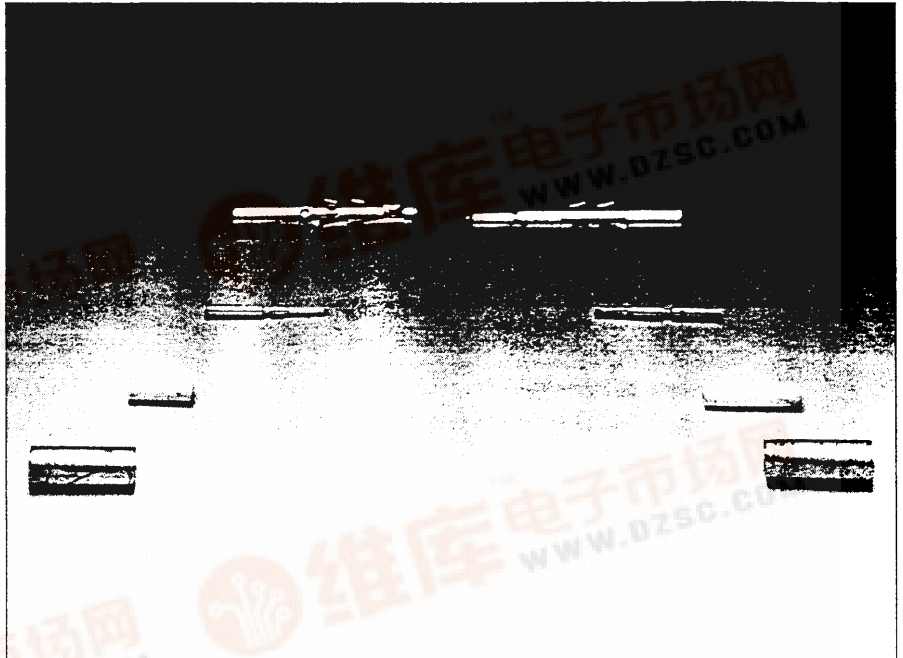
RMDX/RCDX Multipiece Subminiature Coaxial Contacts

## Description

Subminiature coaxial contacts are available to cover a wide range of subminiature coaxial and twisted pair cables. They are suitable for low frequency, shielded signal, and high frequency applications. Can be used as the transition from coaxial to twisted pair cables.

## Features and benefits

- The inner and outer conductor are crimped individually
- Contact parts supplied separately or as kit in plastic bag
- The thermoplastic insulating bushing in the outer body is designed to accept and permanently retain the inner contact
- Outer ferrules hold the outer braid to the outer contacts and act as an insulation support to ensure against bending and vibration



## Performance characteristics

Operating voltage between inner/outer contact	: 230 V DC
Test potential between inner/outer contact	: 750 VAC 1 minute
Operating temperature	: - 55°C to + 125°C
Contact retention in body	: 65 N min
Contact voltage drop at 1 A	: 25 m V max

## Construction

Inner and outer contacts	: High conductivity copper alloy
Retaining spring	: Beryllium copper
Insulating bushing	: Polyamide 6.6
Plating	: - retaining spring: Nickel plated - inner and outer contacts: D 28 = 0,75 Au min over Ni

## Connector accommodations

Any Trim Trio contact can be used in any contact position in any connector in the Trim Trio interconnection system

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

## How to order

RMDX    K10    D28

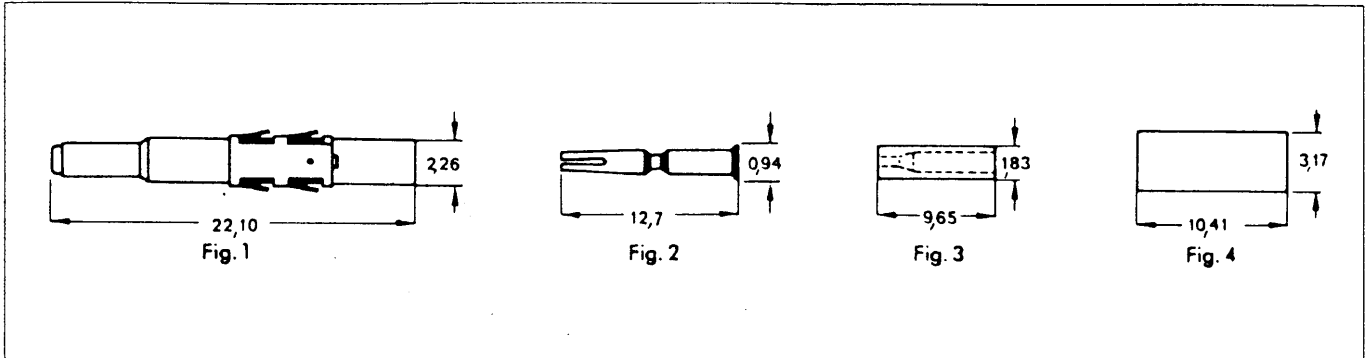
Plating indication

K10 = Kit male coax.  
K1 = Kit female coax.

RMDX = Male Subminiature coax.  
RCDX = Female Subminiature coax.



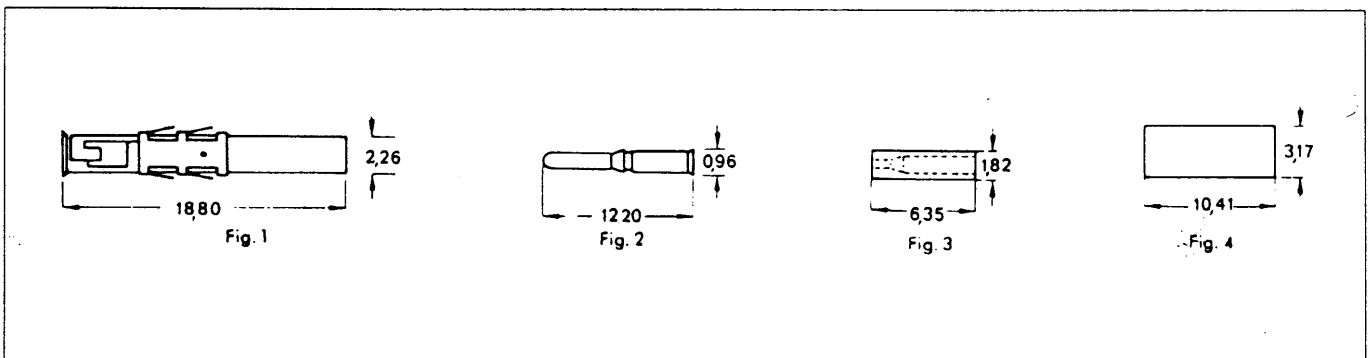
### Male contact for coaxial cable



Type of coaxial cable	Contact for inner conductor				Contact for outer braid						Extraction tool
	Inner female contact		Crimp tool MH860		Outer male contact		Hyring		Crimp tool		
	Cat. No.	Fig.	Positioner	Locator setting	Cat. No.	Fig.	Cat. No.	Fig.	AF8	MH860	
RG161U RG179A/U RG179B/U RG187U	RFD26L1D28	2	MH 86166G	1	RMDX60-2D28	1	YOC074	4	TP 120	MH86167G Locator setting 8	RX16D11-D1 or RX20-25 GE1
RG174U RG188U Amphenol 21-598	RFD26L1D28	2	MH 86166G	3	RMDX60-2D28	1	YOC074	4	TP 120	-	
RG178A/U RG196U	RFD26L1D28	2	MH 86166G	1	RMDX60-2D28	1	YOC074 RMDXB055-3	4 3	TP 120	MH86167G Loc. set. 8	

RMDX60-2D28 + RFD26L1D28 + YOC074 + RMDXB055-3 are packed in kit RMDXK-10D28.

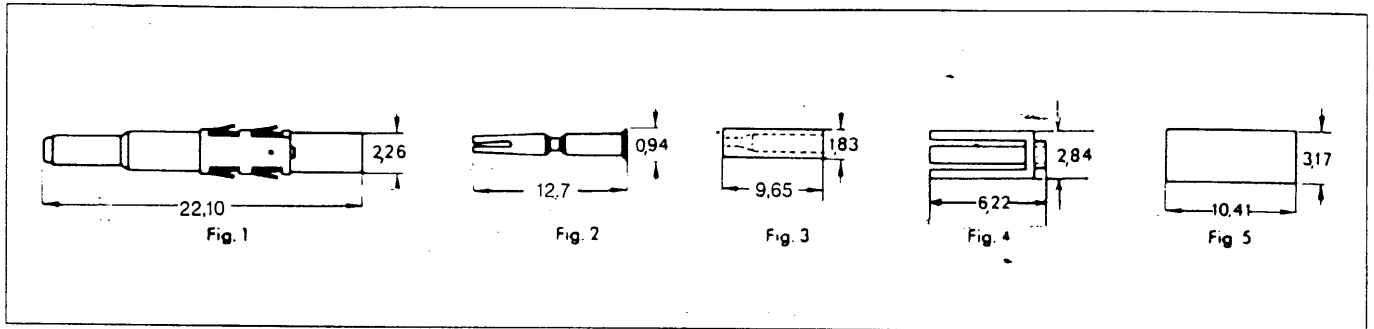
### Female contact for coaxial cable



Type of coaxial cable	Contact for inner conductor				Contact for outer braid						Extraction tool
	Inner female contact		Crimp tool MH860		Outer male contact		Hyring		Crimp tool		
	Cat. No.	Fig.	Positioner	Locator setting	Cat. No.	Fig.	Cat. No.	Fig.	AF8	MH860	
RG161U RG179A/U RG179B/U RG187U	RMD26L1D28	2	MH 86166G	1	RCDX60-2D28	1	YOC074	4	TP 120	MH86167G Locator setting 8	RX16D11-D1 or RX20-25 GE1
RG174U RG188U Amphenol 21-598	RMD26L1D28	2	MH 86166G	3	RCDX60-2D28	1	YOC074	4	TP 120	-	
RG178A/U RG196U	RMD26L1D28	2	MH 86166G	1	RCDX60-2D28	1	YOC074 RCDXB055-1	4 3	TP 120	MH86167G Loc. set. 8	

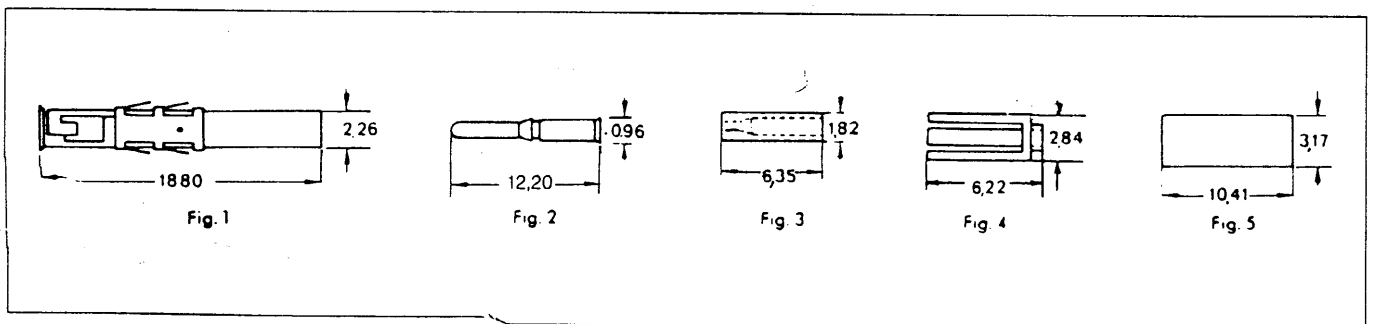
RCDX60-2D28 + RMD26L1D28 + YOC074 + RCDXB055-1 are packed in kit RCDXK-10D28.

### Male contact for twisted pair cable



Type of twisted pair cable	Contact for inner conductor				Contact for outer braid					Extraction tool	
	Inner female contact		Crimp tool M10S-1		Outer male contact		Hyring		Crimp tool M10S-1		
	Cat. No.	Fig.	Die-set	Stop bushing	Cat. No.	Fig.	Cat. No.	Fig.	Die-set		Stop bushing
2 # 24 solid or stranded 2 # 26 str. twisted pair	RFD26L1D28	2	S26D2	SL46D2	RMDX60-2D28	1	YORX090	4	S22-1	SL47-1 or SL47GE3	
							YOC074	5			
							RMDXB055-3	3			
2 # 24 twisted pair 7/0,20 str. MIL-W-76 or MIL-W-16878 type B	RFD26L1D28	2	S26D2	SL46D2	RMDX60-2D28	1	YORX090	4	S22-1	SL47-1 or SL47GE3	
							YOC074	5			
							RMDXB055-4	3			
# 28 twisted pair per MIL-W 81822/3	RFD26L1D28	2	S26D2	SL46D2	RMDX60-2D28	1	YORX090	4	S22-1	SL47-1 or SL47GE3	
							YOC074	5			
							RMDXB055-3	3			

### Female contact for twisted pair cable



Type of twisted pair cable	Contact for inner conductor				Contact for outer braid					Extraction tool	
	Inner male contact		Crimp tool M10S-1		Outer female contact		Hyring		Crimp tool M10S-1		
	Cat. No.	Fig.	Die-set	Stop bushing	Cat. No.	Fig.	Cat. No.	Fig.	Die-set		Stop bushing
2 # 24 solid or stranded 2 # 26 str. twisted pair	RMD26L1D28	2	S26D2	SL46D2	RCDX60-2D28	1	YORX090	4	S22-1	SL47-1 or SL47GE4	
							YOC074	5			
							RCDXB055-1	3			
2 # 24 twisted pair 7/0,20 str. MIL-W-76 or MIL-W-16878 type B	RMD26L1D28	2	S26D2	SL46D2	RCDX60-2D28	1	YORX090	4	S22-1	SL47-1 or SL47GE4	
							YOC074	5			
							RCDXB055-2	3			
# 28 twisted pair per MIL-W 81822/3	RMD26L1D28	2	S26D2	SL46D2	RCDX60-2D28	1	YORX090	4	S22-1	SL47-1 or SL47GE4	
							YOC074	5			
							RCDXB055-1	2			