Fibre optic contacts

Size 16 Fibre optic contacts for TRIM TRIO connectors

Description
Size 16 Fibre optic contacts are optical contacts designed for the integration of optical links in all TRIM TRIO cable connectors.
The F.O. contacts are designed to accommodate:
- Plastic Optical Fibre (POF) 1mm core and 2.2mm jacket
- Plastic Clad Fibre (PCF) 230 µm core and 2.2mm jacket
- Multimode Silica Fibre 62.5 / 125 µm type 2.0 mm max. jacket
- Singlemode Silica Fibre 9 / 125 µm type 2.0 mm max. jacket

Features and benefits
- Socket contact is spring loaded to avoid any air gap between the two optical faces.
- Low insertion loss is provided by high precision pieces.
- Single jumpers, multiway harness and active device housings can be supplied regarding customer requirement.
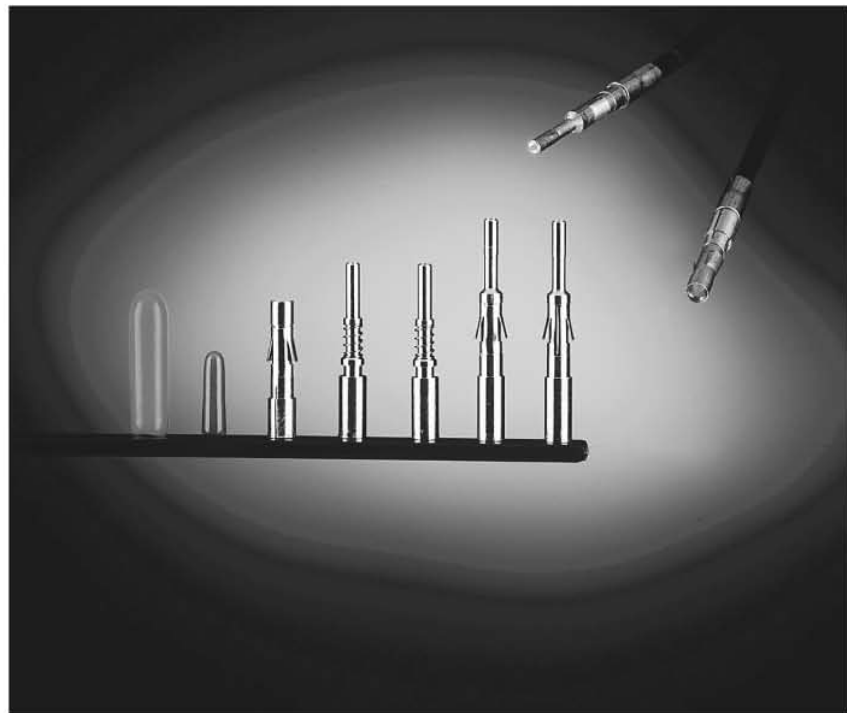
Performance characteristics

Fibre type	POF / PCF	Multimode 62.5 / 125 µm	Singlemode 9 / 125 µm
Wave length	650 nm	1300 nm	1310 nm
Optical insertion loss (typ.)	2 dB max.	< 0.5 dB	< 0.35 dB
Jacketed external diameter	2.2mm	2.0 mm max.	2.0 mm max.
Temperature range	-25°C to +70°C	-25°C to +70°C	-25°C to +70°C

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
- UT0

Construction
Contact body: Copper alloy
Outer spring: BeCu

How to order

POF Contacts (Plastic Optical Fibre)

Male contact:	RMPOF1000
Female contact:	RCPOF1000

PCF Contacts (Plastic Clad Fibre)

Male contact:	RMPCF230
Female contact:	RCPCF230

Silica Contacts - Multimode

Male contact:	RMMMOFA
Female contact:	RCMMOFA

Singlemode

Male contact:	RMSMOFA
Female contact:	RCSMOFA

Tool kit
Crimping / polishing technic

The tool kit contains all necessary tools to terminate contacts for POF fibre or Silica fibre, such as
- Stripping plier
- Crimping plier
- Polishing plate and tool
- Miscallaneous

Part number: consult factory