

# Overview - Circular size 16



## UTP



### Description

Full plastic circular connector with rugged plastic bayonet coupling system

### Range

Shell sizes: 8  
Contact arrangements: 10 (3 to 48)

### Features

Derived from MIL - C 26482  
Intermateable with UTO / UTG  
IP65 (waterprotected version)  
Min 250 matings/unmatings  
2 VDE versions

### Accessories

Different type of cable clamps  
Dustcaps  
Discrimination pins

## UTG



### Description

Plastic circular connector with metal bayonet coupling system

### Range

Shell sizes: 8  
Contact arrangements: 11 (3 to 48)

### Features

Derived from MIL - C 26482  
Intermateable with UTO / UTP  
IP65 (waterprotected version)  
Min 500 matings/unmatings  
3 VDE versions

### Accessories

Different types of cable clamps  
Dustcaps  
Discrimination pins

## UTO

*new*



### Description

Metal circular connector with metal bayonet coupling system

### Range

Shell sizes: 8  
Contact arrangements: 8 (4 to 48)

### Features (see also page 2)

Derived from MIL - C 26482  
Intermateable with UTG / UTP  
2 levels of water protection:  
Dynamic IP67/IP69K and IP68/IP69K  
Suitable for EMC requirements  
Min 500 matings/unmatings  
2 levels of salt spray: 48 and 96h  
Higher salt spray (200/500h) upon request  
Cat5e ethernet compatible  
Back shells with metric cable glands  
RoHS compliant

### Accessories

Different types of cable clamps  
Shielded cable clamp  
Dustcaps

## MBG



### Description

Plastic circular connector with metal quick mating feature (push-pull)

### Range

Shell sizes: 5  
Contact arrangements: 5 (4 to 46)

### Features

Min 5000 matings/unmatings  
Quick and easy mating with latching system

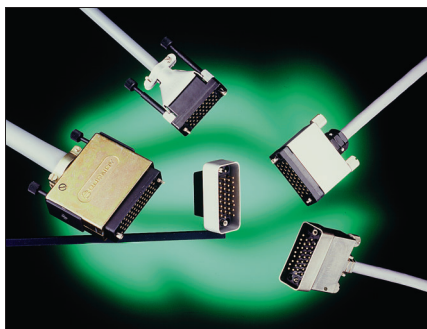
### Accessories

Cable clamp

# Overview - Rectangular size 16



## MS-M



### Description

High performance rectangular cable connector

### Range

Shell sizes: 9  
Contact arrangements: 9 to 75

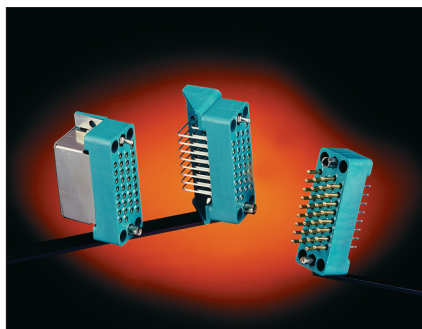
### Features

Per MIL - C 28748  
Intermateable with MSO

### Accessories

Different types of cable clamps  
Guide and jackscrew pins  
Pin protection shrouds  
Discrimination pins

## MSO



### Description

Rectangular boardmount connector to mate with MS-M cable connectors

### Range

Shell sizes: 5  
Contact arrangements: 5 straight (9 to 75)  
3 right angle (9,18,34)

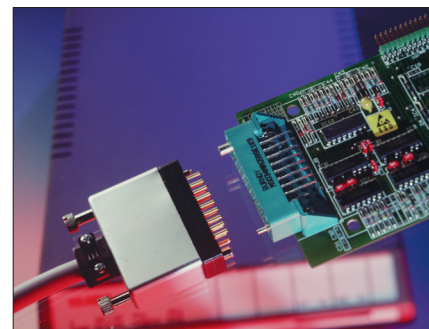
### Features

Solid machined or stamped and formed contacts  
Intermateable with MS-M

### Accessories

Guide and jackscrew pins  
Discrimination pins

## V35 - DTE/DCE



### Description

Rectangular cable and boardmount connector for V.35 DTE/DCE interface applications

### Range

1 shell size with 34 contact positions  
straight and right angle boardmount connector

### Features

In compliance with international standards of ISO 2593 for TSS V.35 interfacing  
Solid machined or stamped and formed contacts for boardmount connector  
Shielded cable and boardmount connectors available

### Accessories

Different type of cable clamps (incl. shielded)  
Guide and jackscrew pins  
Pin protection shrouds and discrimination pins

## MSG / MB

*new*



### Description

Cable (MSG + MB) and boardmount (MSG) connectors with lever locking system.

### Range

Shell sizes: 1 for MSG  
1 for MB  
Contact arrangements: 50 + 59 for MSG  
52 for MB

### Features

Lever locking system – easy mating  
MSG is 19" rack mountable  
Polarization features available  
Anti jack knife system on MB

## SMS - Qikmate cable connectors



### Description

Low cost rectangular cable connectors for cable to cable and cable to panel applications

### Range

Shell sizes: 10  
Contact arrangements: 10 (2 to 36)

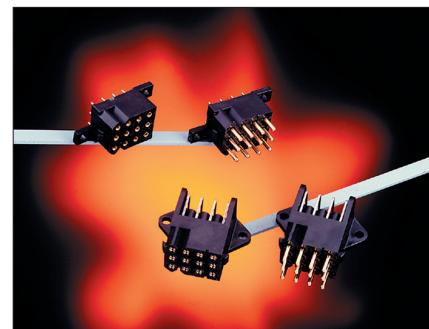
### Features

Intermateable with SMS Boardmount  
Moulded-on cable hood  
No extra hardware required  
Positive locking with retaining latches  
Disrimination cavities in between contact cavities

### Accessories

Pin protection shrouds  
Discrimination pins  
Tie wraps

## SMS - Qikmate boardmount



### Description

Low cost rectangular boardmount connector to mate with SMS cable connectors

### Range

Shell sizes: 10  
Contact arrangements: 10 straight (2 to 36)  
4 right angle (3,6,12,18)

### Features

Solid machined or stamped and formed contacts  
No extra hardware required  
Intermateable with SMS cable connectors  
Disrimination cavities in between contact cavities

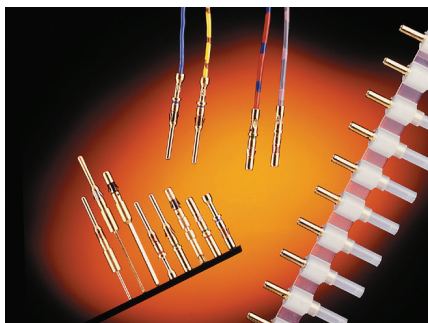
### Accessories

Discrimination pins

# Overview - Contacts size 16



## RM/RC-M (size 16)



### Description

Machined Snap in pin and socket contacts for heavy duty top performance requirements.

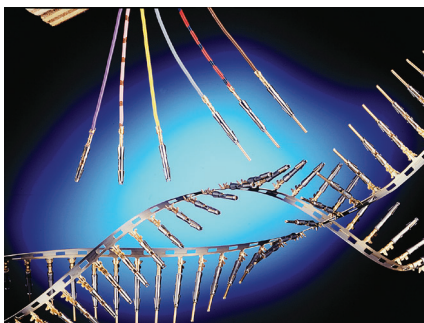
### Range

30 to 14 AWG – 0.05 to 2.5 mm<sup>2</sup>  
Crimp, PC Boardmount, Handsolder  
Wire wrap, Grounding contacts

### Features

Current rating: 13 Amps  
Plating: Gold or Tin  
Colour coded for different wire sizes

## SM/SC-M (size 16)



### Description

Two piece strip formed snap in pin and socket contacts.

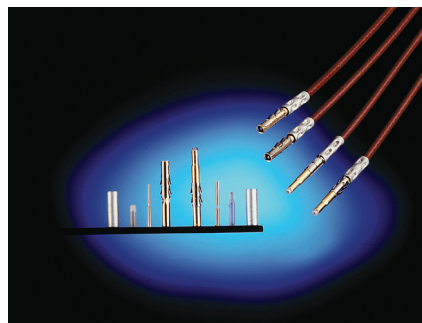
### Range

26 to 14 AWG – 0.13 to 2.0 mm<sup>2</sup>  
Crimp.

### Features

Current rating: 13 Amps  
Plating: Gold or Tin

## RMDX/RCDX (size 16)



### Description

Snap in pin and socket coaxial contacts for a wide range of coaxial and twisted pair cables.

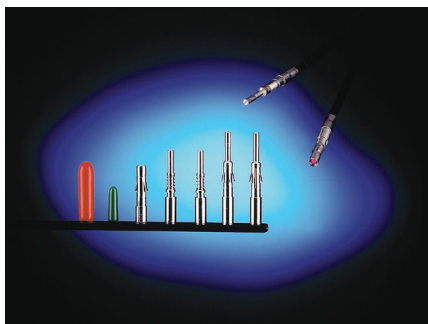
### Range

Multi piece or Monocrimp design.  
Typical coaxial cables are: RG161, RG178, RG179, RG188.

### Features

Plating: Gold

## Fibre optic (size 16)



### Description

Snap in pin and socket fibre optic contacts for the integration of optical links.

### Range

Plastic optical Fibre (POF):  
1mm core and 2.2mm jacket.  
Plastic clad Fibre (PCF):  
230 µm core and 2.2 mm jacket  
Multimode Silica Fibre:  
50/125 µm type 1.5mm (or 900 µm) jacket.

### Features

Socket contact is spring loaded to avoid any air gap between the optical faces.



# Overview - size 20 connectors + contacts

## UTOW

*new*



### Description

Metal circular connector with metal bayonet coupling system.

### Range

Shell sizes: 8  
Contact arrangements: 8 (6 to 61)

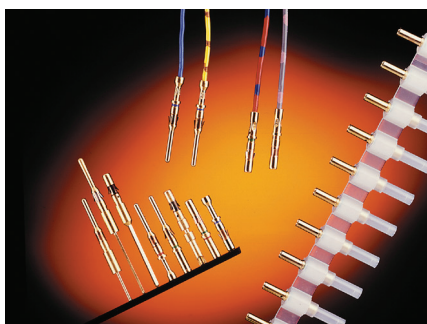
### Features (see also page 2)

2 levels of water protection:  
Dynamic IP67/IP69K and IP68/IP69K  
Suitable for EMC requirements  
Min 500 matings/unmatings  
2 levels of salt spray: 48 and 96h  
Higher salt spray (200/500h) upon request  
Back shells with metric cable glands  
RoHS compliant

### Accessories

Different types of cable clamps  
Shielded cable clamp  
Dustcaps  
Discrimination pins

## RM/RC-W (size 20)



### Description

Machined Snap in pin and socket contacts for heavy duty top performance requirements.

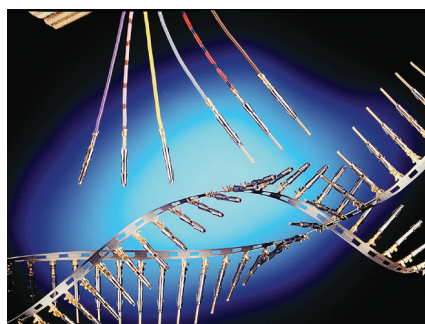
### Range

26 to 18 AWG – 0.13 to 1.0 mm<sup>2</sup>  
Crimp and PC Boardmount

### Features

Current rating: 7.5 Amps  
Plating: Gold

## SM/SC-W (size 20)



### Description

Two piece strip formed snap in pin and socket contacts.

### Range

26 to 20 AWG – 0.13 to 0.5 mm<sup>2</sup>  
Crimp.

### Features

Current rating: 5 Amps  
Plating: Gold



# Overview - mixed power signal/ruggedized



## Circular & Rectangular power versions



### Description

Power connectors are connectors to meet mixed power / signal requirements.  
This range of power connectors is an extension of the long established and popular TRIM TRIO connector series

## UTV series

*new*



### Description

Ruggedized metal circular connector for heavy duty applications

### Range

Shell sizes: 8  
Contacts arrangements: 9 (7 to 60)

### Features

Completely intermountable with VG95237: the MS5015 reverse bayonet connectors.  
2 levels of waterprotection:  
Dynamic IP67/69K and IP68/69K  
Up to 500 h salt spray.

### Accessories

Straight back shells  
Right angle back shells  
Grommets and filler plugs

## 8291 (power)



### Description

Machined snap in pin and sockets contacts for power applications

### Range

Size 12 contacts:  
20 to 14 AWG – 0.5 to 2.5 mm<sup>2</sup>  
Size 8 contacts:  
16 to 8 AWG – 1.5 to 10 mm<sup>2</sup>

### Features

Current rating: 26 Amps for size 12 contacts  
44 Amps for size 8 contacts  
Plating: Gold or Silver for size 12 contacts  
Gold for size 8 contacts