

Connectors

shortform catalogue

Complete
capability in
connection
solutions



TW **McMurdo**
Connectors

introduction

The company

ITW McMurdo first started manufacturing connectors in 1956. Since that time we have developed a range of connectors which have provided our customers with high quality and reliable interface solutions.

Quality assured

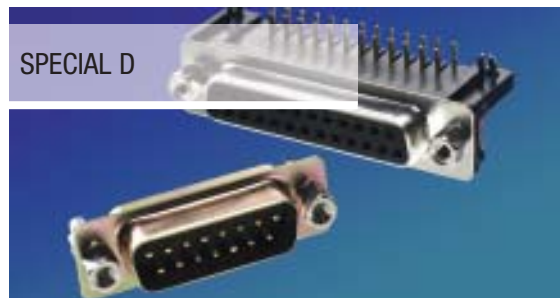
We manufacture all of our connectors to ISO 9001. Our manufacturing process includes both automated and manual stages. Every product is tested fully before it leaves our factory.

Working with you

We pride ourselves in the relationship we have with all our customers. We work closely with you ensuring that quality and delivery standards are met time and time again.

D range

A range of D subminiature connectors offering low cost stamped and formed contacts or high precision machined contacts. Available in standard and high density layouts with PC, solder and crimp termination styles. A comprehensive range of accessories is also available.



SPECIAL D

COMMERCIAL D SUB-MINIATURE

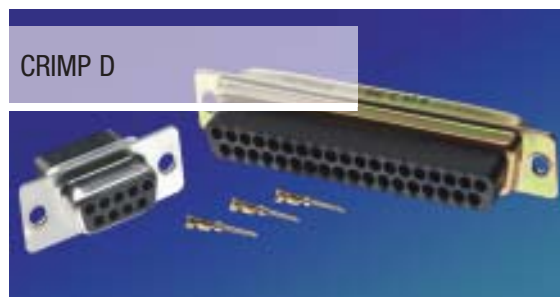
2 and 3 rows – 9, 15, 25, 37 and 50 way.
Solder Bucket, Straight PC and 90° PC contacts.
100 operations.



STANDARD D

HIGH PERFORMANCE D SUB-MINIATURE WITH MACHINED CONTACTS

2 and 3 rows – 9, 15, 25, 37 and 50 way.
Solder Bucket, Straight PC, Wire Wrap and 90° PC contacts.
300 (Budget) and 500 (standard) operations.



CRIMP D

FLEXIBLE AND FAST ASSEMBLY D SUB-MINIATURE

2 and 3 rows – 9, 15, 25, 37 and 50 way.
20-28 AWG crimp contacts.
300 (Budget) and 500 (standard) operations.



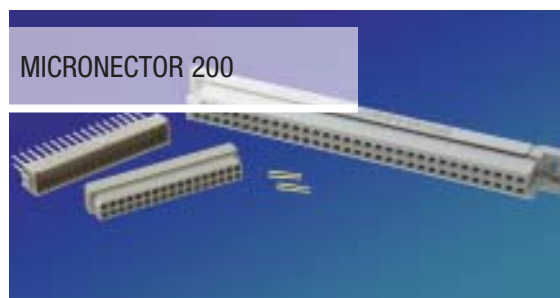
HIGH DENSITY D

INCREASED DENSITY D SUB-MINIATURE

3 and 4 rows – 15, 26, 44, 62 and 78 way.
Solder Bucket, Straight PC, 90° PC and crimp contacts.
50 or 200 operations (crimp). 100 operations (PC and Solder Bucket).

Micronector

A range of high specification microminiature connectors meeting demanding performance requirements



MICRONECTOR 200

HIGH DENSITY WITH LATCHING FEATURE

1 and 2 rows – 2 to 34 way – 2mm pitch.
Straight PC, 90° PC and crimp contacts.
500 operations. Available released to BS9525-F0033.



MICRONECTOR 220

HIGH DENSITY MIXED LAYOUT 2mm PITCH

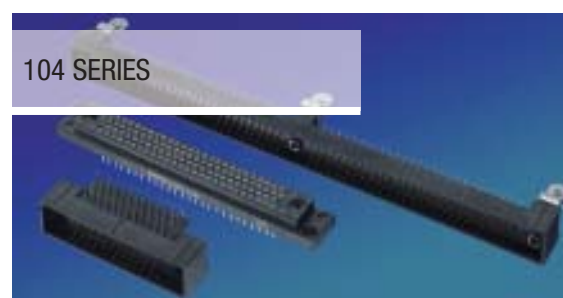
1 and 2 rows – 6 to 42 way + mixed layout.
Straight PC, 90° PC, crimp, Co-ax and high power contacts.
500 operations and Integral jacking mechanism.



MICRONECTOR 300

HIGH DENSITY 3 ROW

3 rows – 27, 51 and 78 way – 2mm pitch.
Straight PC, 90° PC and crimp contacts.
500 operations. Optional jacking mechanism.



104 SERIES

HIGH DENSITY 1.27mm STAGGERED PITCH

4 rows – 50 to 220 ways.
Straight PC and 90° PC.
500 operations. Integral jacking mechanism.

D range

Micronector

801/801 CX

801

TWO PART PRINTED CIRCUIT BOARD CONNECTORS

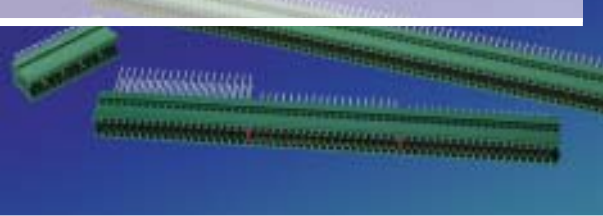


1.27mm (0.05") staggered pitch with 2.54mm (0.1") between rows.
2 rows – 17 to 96 way + mixed layouts.
Solder bucket, Straight PC, 90° PC, Crimp, Wire Wrap, Co-ax and high power contacts.
500 operations.
Integral jacking mechanism.
Available released to BS9525-N0001.

Edgecard

Edge
card

2.54 (0.1") MODULAR CONNECTORS



Fixed or replaceable contacts.
Bifurcated contact design.
1 or 2 rows – 5 to 170 way.
Solder eyelet, Straight PC, 90° PC, Wire Wrap contacts.
Polarising keys.
Plastic and metal end feet.
100 and 250 operations.

Red Range

Red
Range

INDUSTRIAL RACK AND PANEL CONNECTORS

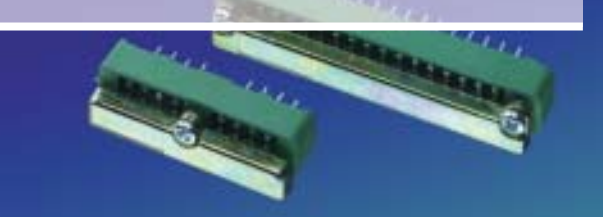


Rugged construction in Nylon or DAP material.
Floating bushes to aid alignment.
Dowel polarised for blind mating.
2 rows – 8, 16, 24 and 32 way.
Solder eyelet and Straight PC contacts.
500 operations.
Current rating 5 amp.

H.I.T.

H.I.T.

HIERARCHICAL INTERCONNECTION TECHNOLOGY



Enables phased introduction of Surface Mount Technology. Child board and daughter board mounting system with connector located on the daughter board only.
2 rows – 16, 32 and 64 way.
Straight PC contacts.
100 operations.

IDC

IDC

INSULATION DISPLACEMENT CONNECTORS



Complete solution to flat cable interconnection problems and compatible with industrial standard IDC connectors.
1 and 2 rows – 10 to 64 ways.
Straight PC, 90° PC and Wire Wrap contacts.
100 operations.
Clamps and strain relief available.

DIN 41612

DIN
41612

TWO PART PCB EDGE CONNECTOR



Standard DIN styles available and released to BS9525 F0004.
2 and 3 rows – 32, 48, 64 and 96 ways.
Straight PC, 90° PC and Wire Wrap contacts.
50, 400 and 500 operations.

Specials

Specials

CUSTOM AND BESPOKE CONNECTORS



If you do not see the connector here that you require, we have a dedicated specials and bespoke service. We will work with you in the design and manufacture to suit your exact application. We pride ourselves in working closely with our customers to provide solutions to their problems, using proven technologies which form the basis of new customer specific designs.

www.itwmcmurdo.co.uk

CONNECTOR SOLUTIONS



ITW McMurdo Connectors has a history of design and innovation in connector technology. We have developed, designed and produced a range of connectors for many industries including aerospace, military, telecoms and electronics. We welcome the opportunity to offer a solution to your interconnection requirements.



ITW McMurdo Connectors

ITW McMurdo Connectors
Division of ITW Limited
Norway Road
Hilsea
Portsmouth
PO3 5HT
United Kingdom
Tel: 02392 656200
Fax: 02392 666352
e-mail: info@itwmcmurdo.co.uk