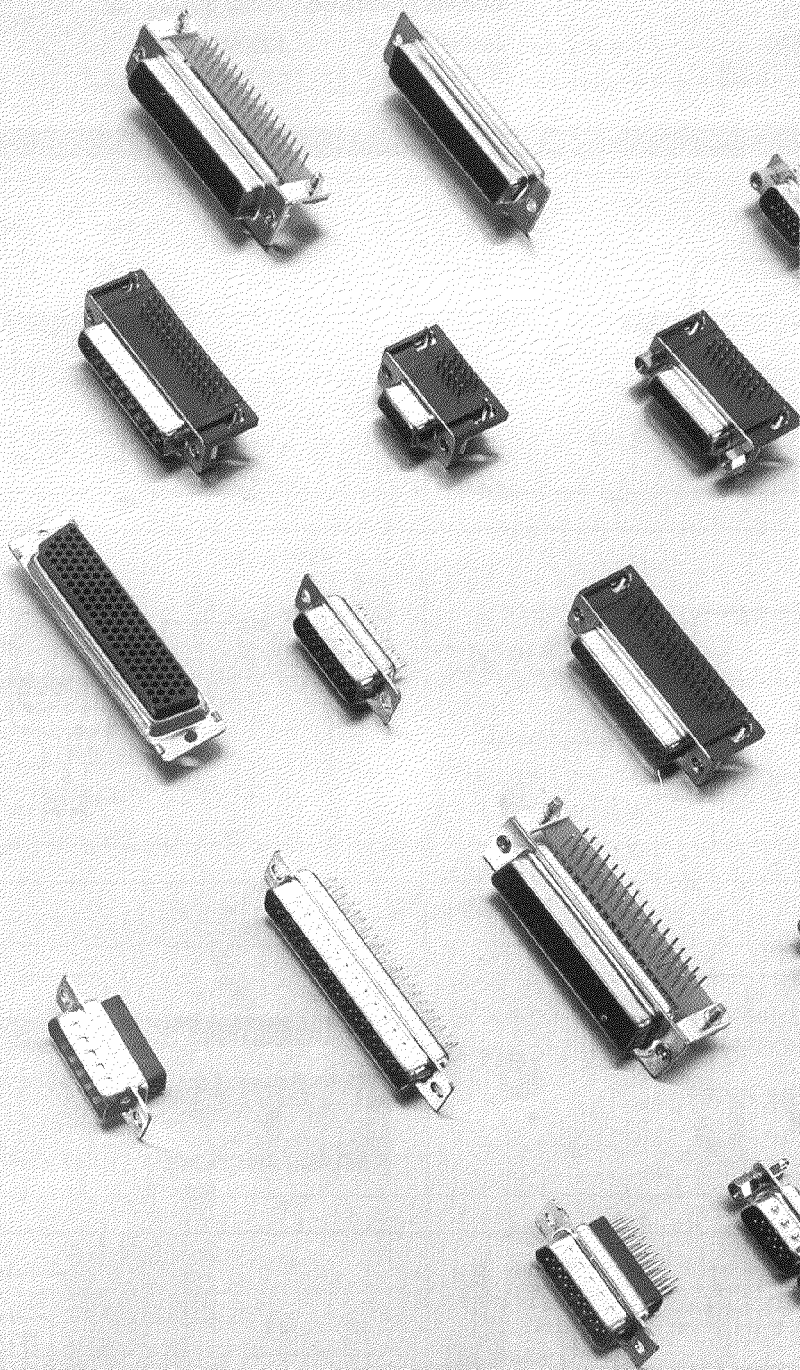
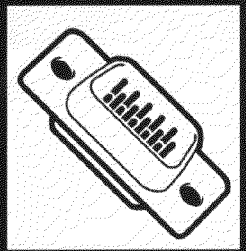


HIGH DENSITY D

Increased Density D Sub-miniature



Increased contact density is provided in five industry standard shell sizes providing up to 78 contacts. A choice of four termination styles including crimp are available making this range one of the most versatile.

FEATURES

- Tinned and dimpled shell as standard for enhanced electrical continuity and effective EMI/RFI shielding.
- Threaded inserts - enable quick assembly of mounting hardware to 90° p.c. versions.
- Solder bucket, straight p.c. 90° p.c. and crimp termination styles - user flexibility.
- Optional screwlocks and solderable boardlocks fitted to 90° p.c. versions - reduced assembly time.
- Compatible with Standard D range accessories - lower inventory costs.

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TECHNICAL DATA

Materials

Shell	Tin plated steel
Insulator	Glass filled thermoplastic rated UL94V-0
Contact	Copper alloy plated hard acid gold

Mechanical

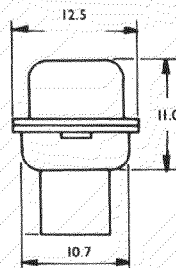
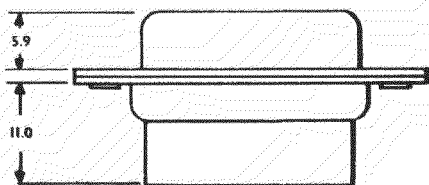
Mechanical Operations	Up to 200
Operating Temperature	-55°C to +105°C

Electrical

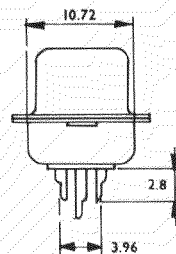
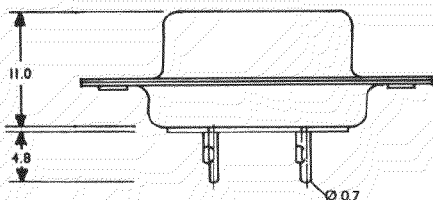
Current	at 70°C Tamb. 3A
All contacts (simultaneously)	
Working Voltage	300 Vd.c. or a.c. peak
Proof Voltage	1000Vd.c. or a.c. peak
Contact Resistance	10mΩ max.
Insulation Resistance	1000MΩ min.

Outline Dimensions

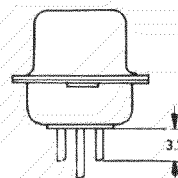
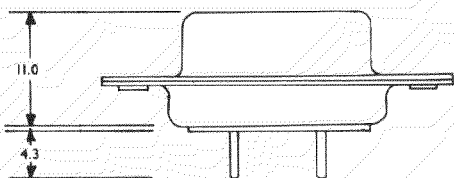
Crimp



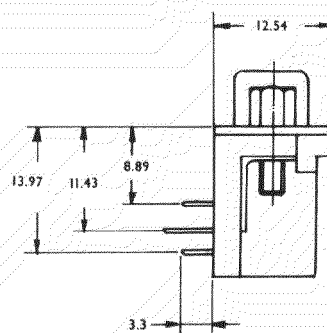
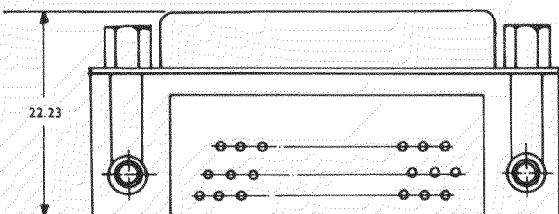
Solder Bucket



Straight p.c.



90° p.c.



ORDERING INFORMATION

SERIES _____ HD B X 44 S N T
 SHELL SIZE _____
 MOUNTING/CRIMP SELECT _____
 CONTACT ARRANGEMENT _____
 CONTACT TYPE _____
 TERMINATION TYPE _____
 SHELL FINISH _____

Series

HD - High Density D

Shell Size

E, A, B, C and D

Mounting / Crimp Select

No designator-All styles except crimp and 90°p.c.
 C - Selects crimp (contacts ordered separately)
 X - Screwlocks fitted
 T - Boardlock fitted

Contact Arrangement

15, 26, 44, 62 and 78

Contact Type

P - Pin
 S - Socket

Termination Type

No designator-Solder bucket (and crimp when selector code has been used).
 OL - Straight p.c.
 N - 90° p.c.

Shell Finish

T - Tinned
 TD - Tinned and dimpled (plug only)

Contact Ordering Information

Contact / Wire Gauge

MP642 - Pin, 24/28 A.W.G.
 MP643 - Socket, 24/28 A.W.G.

Method of Supply

No designator - in packs of 100
 R - 10,000 on a reel

Performance Code

05 - Pin, 200 operations
 06 - Pin, 50 operations
 15 - Socket, 200 operations
 16 - Socket, 50 operations

MP642 - R - 06

CONTACT/WIRE GAUGE _____

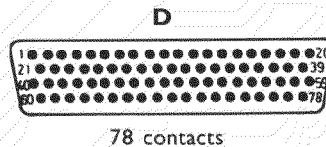
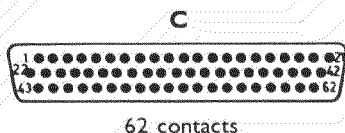
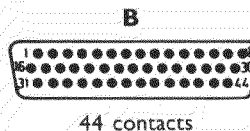
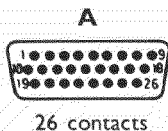
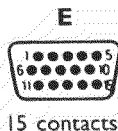
METHOD OF SUPPLY _____

PERFORMANCE CODE _____

Tooling

Crimp Tool MP600 - D/HD
 Insertion/Extraction Tool MP601-HD

Contact Arrangement (viewed from mating face of male connector)



McMurdo

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As we constantly strive to improve McMurdo products, all specifications are subject to change without notice.

HD/D/03/97