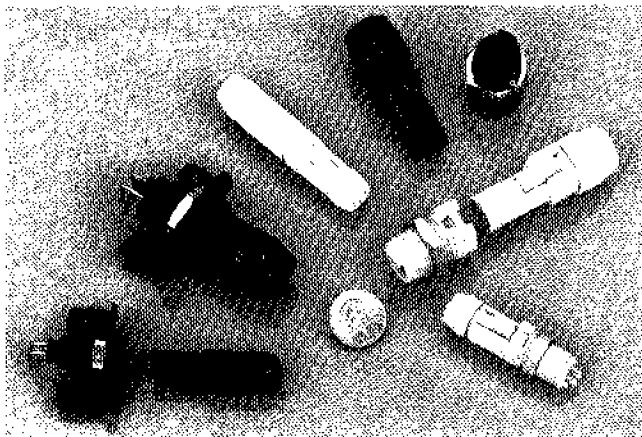
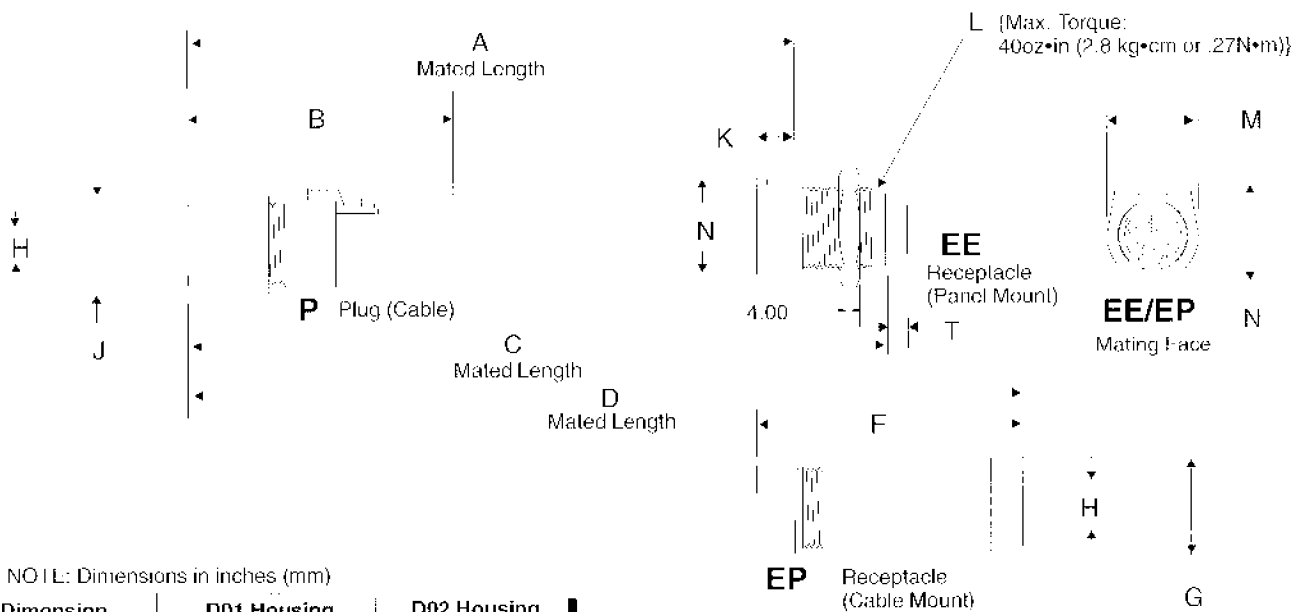




CIRCULAR PLASTIC CONNECTORS 3, 4, 7, 9, 12 & 25 CONTACT VERSIONS

- 3, 4, 7, 9, 12 & 25 position models
- 1 to 8 amps per contact
- ~~SA~~ recognized components File No. 102195
- Each connector half accepts pins or sockets
- High impact plastic body
- Quick disconnect push button release
- Alignment and keying provided by housing
- Crimp, solder cup, and pc contacts

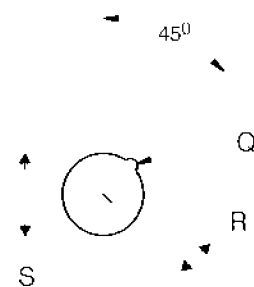
CONNECTOR DIMENSIONS



NOTE: Dimensions in inches (mm)

Dimension	D01 Housing	D02 Housing
A	1.142 (29.00)	1.358 (34.50)
B	1.614 (41.00)	1.950 (49.50)
C	1.732 (44.00)	2.087 (53.00)
D	2.4 (61.00)	2.953 (75.00)
F	1.5 (38.00)	1.772 (45.00)
G dia	.512 (13.00)	.709 (18.00)
H dia	.118 (3.00) min .216 (5.50) max	.236 (6.00) min .322 (8.20) max
J dia	.472 (12.00)	.709 (18.00)
K	.158 (4.00)	.278 (7.00)
L	M11 X 1.00 THD	M15 X 1.00 THD
M	.512 (13.00)	.669 (17.00)
N	.512 (13.00)	.689 (17.50)
Q dia	.126 (3.20)	.100 (2.54)
R	.220 (5.60)	.295 (7.50)
S dia	.441 (11.20)	.598 (15.20)
T ¹	.157 (4.00)	.157 (4.00)

MOUNTING DIMENSIONS



HOLE PUNCHES

Part Number	Series	Maximum Recommended Steel	Maximum Recommended Thickness
T1903	D01	0.048 (1.25)	0.075 (1.90)
T1904	D02	0.062 (1.60)	0.091 (2.40)

Notes:

- 1) D02EE315 dim T is 0.256 (6.50)
D02EE125 dim T is 0.000 (0.00)
D02EE2504 dim T is 0.000 (0.00)

PURCHASE ORDER

Date: 26 May 1998

Purchase order number: 9478

Supplier: Hypertac Limited

Quantity	Description	Part Number	Price
20	Hypertronics, D series plug, 12 pin	D02P125MST	£6.09
10	Hypertronics, D series plug, 7 pin	D02P706MST	£4.70
50	Hypertronics, D series plug, 9 pin	D02P906MST	£5.03
20	Hypertronics, D series receptacle cable mount, 7 pin	D02EP706FST	£6.35
2	Hypertronics, D series receptacle cable mount, 9 pin	D02EP906FST	£6.95
2	Hypertronics, D series receptacle cable mount, 12 pin	D02EP125FST	£8.98
2	Hypertronics, D series receptacle panel mount, 7 pin	D02EE706FST	£4.89
2	Hypertronics, D series receptacle panel mount, 9pin	D02EE906FST	£5.49
2	Hypertronics, D series receptacle panel mount, 12 pin	D02EE125FST	£7.51
1	Removal tool	S/DEM1.0060	£30.95
1	Insertion tool	T1271	£74.83
1	Insertion tool	T1866	£74.83

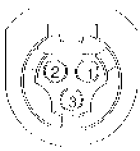
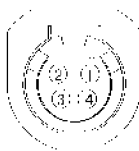
Signed by:
S Nixon

Authorised by:
G G Lamb

D SERIES

D01

GENERAL SPECIFICATIONS

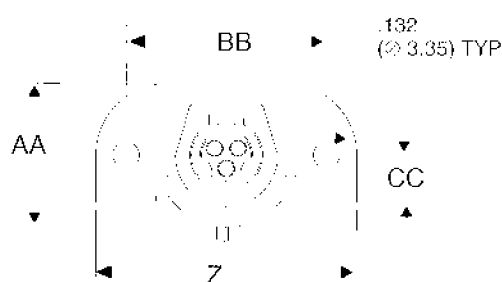
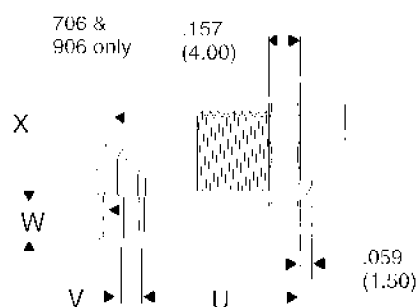
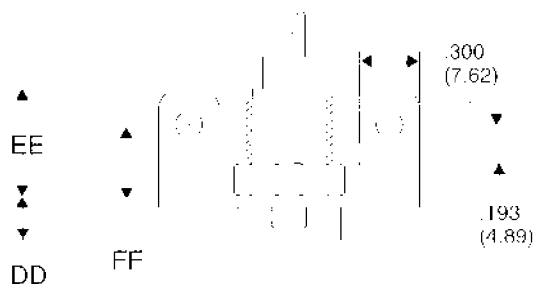
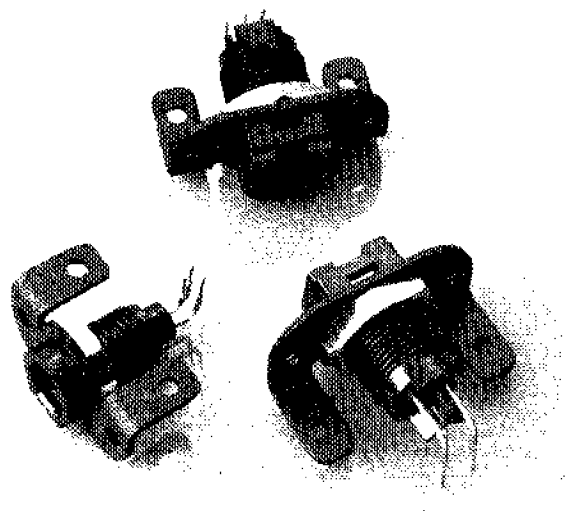
Connector Housing		D01		
				
Contact Arrangement		306	406	904
Receptacles seen from mating side				
Number of Contacts		3	4	9
Contact Diameter		.024 (0.60)	.024 (0.60)	.0161 (0.40)
Current Rating (amps)		3	3	1
Contact Resistance (milliohms)		<5	<5	<8
Extraction Force (oz.)		.5 to 2	.5 to 2	.6 to 1.6
Contact Life Cycles		>100,000	>100,000	>100,000
Breakdown Voltage Between Contacts		>2250	>2250	>1000V
Dielectric Withstanding Voltage		1650	1650	750
Wire Size (AWG)		up to 22	up to 22	up to 26
Solder Cup		22 – 26	22 – 26	26–28
Crimp				
Housing Color & Material		Black or grey Black or White	Black or grey Black or White	— Black
Contact Material		BeCu wires and brass body (socket) Brass (pin) Gold over Nickel		
Plating		> 10 ³ megohms @500 VDC		
Insulation Resistance				
Temperature Rating				
Polycarbonate		–40°C to +85°C		—
Polysulfone		–40°C to +125°C		—
Ultem®		—	—	–40°C to +125°C
Plating		T = 10µin gold on mating surfaces		
Reference		TH = 50µin gold (pin only)		
		TAH = 50µin gold on mating surface & gold flash on socket bodies (socket only)		

ACCESSORIES

Crimp Tool	AFM8 or (M22520/2-01)	AFM8 or (M22520/2-01)	AFM8 or (M22520/2-01)
Positioner	K547	K547	T1914
Removal Tool	S/DEM1.0060	S/DEM1.0060	—
Insertion Tool	T1866	T1866	T1916

D SERIES

Printed Circuit Board Models (D01 306, D01 406, D02 706, D02 315, & D02 906)

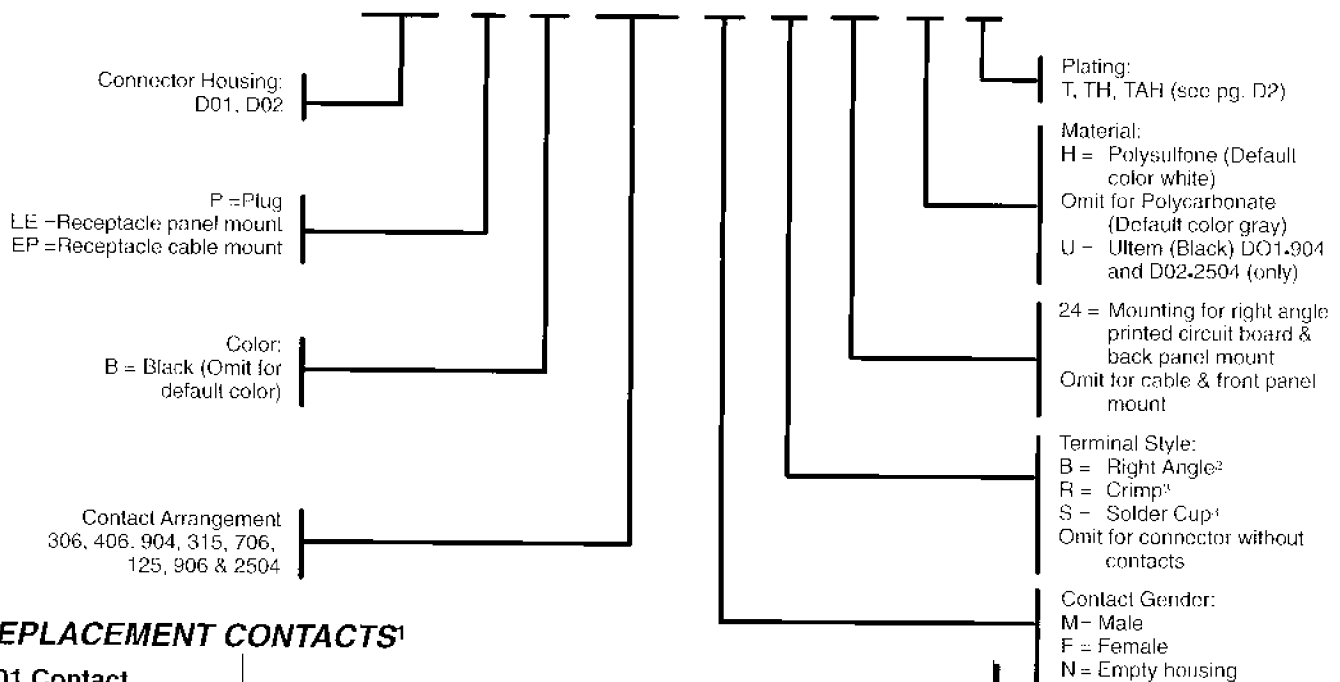


NOTE: Dimensions in inches (mm)

Dimension	D01 Housing 3&4 Position	D02 Housing 3 Position	D02 Housing 7 & 9 Position
U	.079 (20.07)	.834 (21.19)	.742 (18.85)
V	.100 (2.54)	.150 (3.81)	.100 (2.54)
W	.187 (4.74)	.181 (4.68)	.177 (4.50)
X dia.	.024 (.60)	.059 (1.50)	.024 (.60)
Z	1.300 (33.02)	1.300 (33.02)	1.500 (38.10)
AA	.709 (18.00)	.866 (22.00)	.866 (22.00)
BB	1.000 (25.40)	1.500 (38.10)	1.200 (38.40)
CC	.236 (6.00)	.315 (8.00)	.315 (8.00)
DD	.221 (5.60)	.335 (8.50)	.335 (8.50)
EE	.528 (13.40)	.610 (15.50)	.610 (15.50)
FF	.350 (8.89)	.400 (10.16)	.400 (10.16)

ORDERING INFORMATION

D01 P B 306 M R 24 H T



REPLACEMENT CONTACTS¹

D01 Contact Arrangement:		306 & 406		904	
Replacement Contacts:		Pin	Socket	Pin	Socket
solder cup		YPN006-020G YPN006-020H	YSK006-010G YSK006-010AH	YPN004-002G YPN004-002H	YSK004-003AH
crimp		YPN006-021G YPN006-021H	YSK006-011G YSK006-011AH	YPN004-001G YPN004-001H	YSK004-002AH

D02 Contact Arrangement:		315		706		906	
Replacement Contacts:		Pin	Socket	Pin	Socket	Pin	Socket
solder cup		YPN015-006G YPN015-006H	YSK015-012G YSK015-012AH	YPN006-026G YPN006-026H	YSK006-016G YSK006-016AH	YPN006-026G YPN006-026H	YSK006-016G YSK006-016AH
crimp		YPN015-005G YPN015-005H	YSK015-011G YSK015-011AH	YPN006-025G YPN006-025H	YSK006-015G YSK006-015AH	YPN006-025G YPN006-025H	YSK006-015G YSK006-015AH

D02 Contact Arrangement:		125		2504	
Replacement Contacts:		Pin	Socket	Pin	Socket
solder cup		YPN005-050G YPN005-050H	YSK005-037G YSK005-037AH	YPN004-002G YPN004-002H	YSK004-003AH
crimp		YPN005-049G YPN005-049H	YSK005-036G YSK005-036AH	YPN004-001G YPN004-001H	YSK004-002AH

Plating Reference For ⁽¹⁾

Replacement Contacts:

- G = 10µin gold on mating surface & gold flash on body
- H = 50µin gold (pin only)
- AH = 50µin gold on mating surface & gold flash on socket bodies (socket only)

⁽¹⁾ The ending characters in the part number designate the plating.

⁽²⁾ Available on 306, 315, 406, 706 and 906 sizes for female contacts only.

¹ Contact styles R and S not assembled in connector.