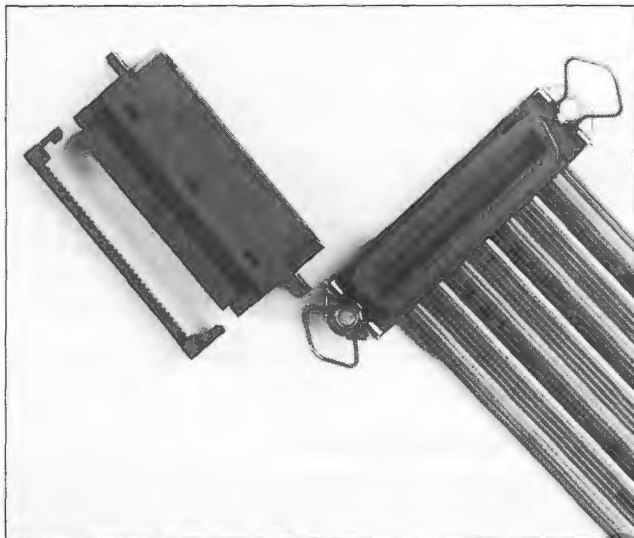


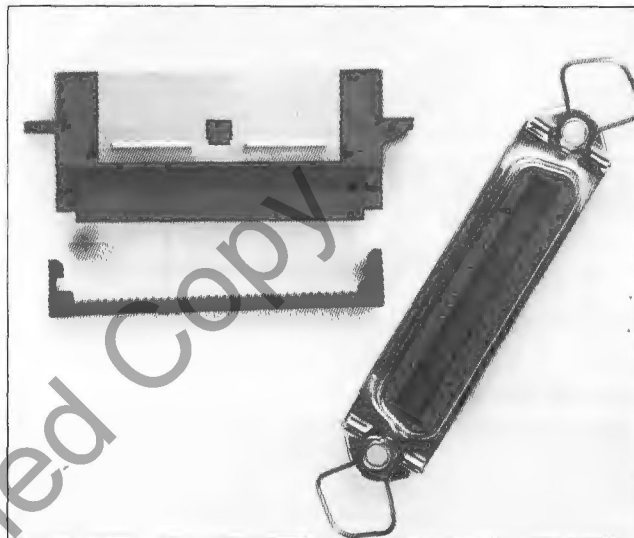
- 14-24-36-50 Contact Connectors
- Intermateable with all other 57 series connector ranges
- UL 94 VO flammability rated material
- Flat Cable centres 1.27mm
- IDC mass terminated-fast reliable connectors
- Trapezoidal shaped shell to ensure polarity when mated
- 57FE with metal front shell for improved RFI-EMI shielding
- Standard connectors fitted with cable strain relief clamp
- Captivated contacts in body to prevent damage during mating
- Standard receptacles fitted with steel spring latches
- Apply to factory for details of 457F IDC connectors approved to BT 226 (50 & 36 way)
- Available as custom build cable assemblies – consult factory

Blue Micro Ribbon[®] 57F/FE-IDC Flat Ribbon Connectors

57F – Plastic Connectors



57FE – Metal Shelled Connectors



How to order:

57F 30 36 0-2 0 S XX

SERIES NUMBER
57F – ALL PLASTIC
57FE – PLASTIC WITH METAL
FRONT SHELL

CONNECTOR TYPE
10 – Plug with mounting holes
30 – plug 20 – Receptacle
40 – receptacle

NUMBER OF CONTACTS
14 – 24 – 36 – 50

SHELL KEY
0 – no key

CONTACT PLATING
2 – 0.4 gold over nickel

COVER TYPE
0 – open ended cover

STRAIN RELIEF CLAMP
N – without strain relief
S – WITH STRAIN RELIEF

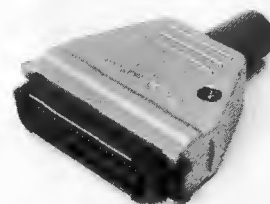
DEVIATIONS D35 – With Jack socket

D1 – panel mounting receptacle
with through holes 3.9mm dia.

D8 – free plug with flat to round
metalised hood



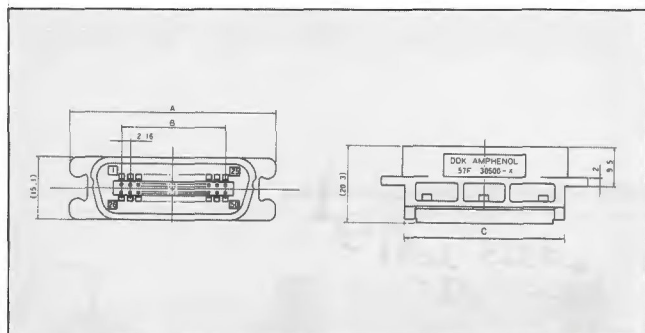
57F – 40500-20N (D1)



57FE – 30360-20N (D8) Metallic Hood Plug

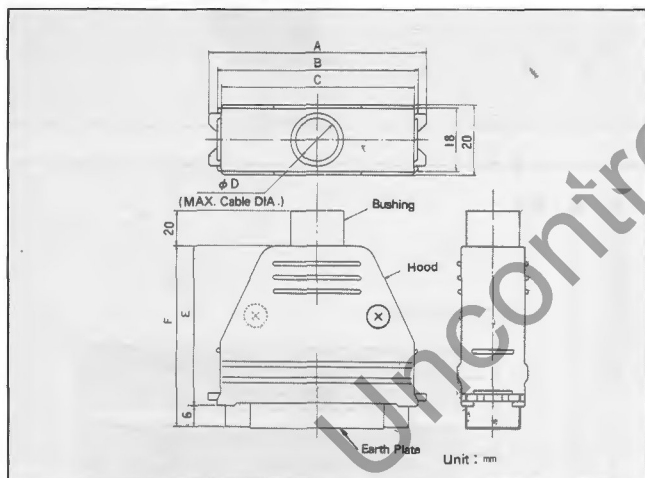
Blue Micro Ribbon® 57F/FE-IDC Flat Ribbon Connectors

Plug for Spring Latch Locking



Number of Contacts	A	B	C
14	37.82	12.96	23.20
24	48.60	23.76	36.30
36	61.60	36.72	51.50
50	76.70	51.84	68.50

Plug with (D8) Deviation



Number of Contacts	A	B	C	D	E	F
14	37.82	33.30	30.00	8.50	40.00	46.00
24	48.64	44.00	39.80	10.00	45.50	51.50
36	61.62	57.00	55.00	12.00	45.50	51.50
50	76.74	72.10	70.40	14.00	45.50	51.50

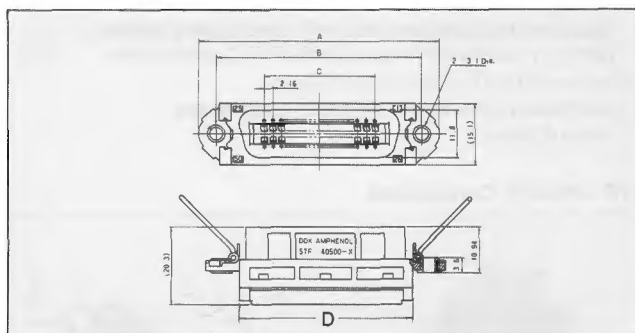
All dimensions in mm.

Specifications

Shell:	57F	Polycarbonate resin UL 94 VO
	57FE	As 57F but with brass/nickel plated front shell
Dielectric:		Polycarbonate resin UL 94 VO
Strain Relief:		Polycarbonate resin UL 94 VO
Contacts:	Material	Copper Alloy
	Plating	0.4µ gold over nickel
Current rating/contact:		1 Amp
Contact resistance:		35 milliohms max. at 1 Amp DC
Insulation resistance:		1000MΩ min. at 500V DC

Connector Dimensions

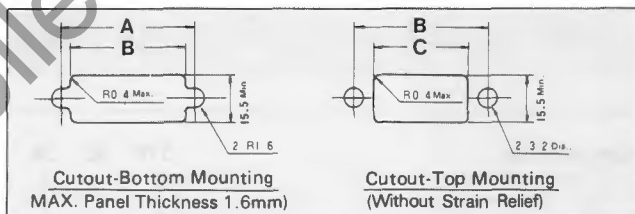
Receptacle with Spring Latch



Number of Contacts	A	B	C	D
14	43.9	36.0	12.96	23.2
24	54.7	46.8	23.76	36.3
36	67.7	59.7	36.72	51.5
50	82.8	74.9	51.84	68.5

Panel Cut-out

Receptacle with Spring Latches



Dimensions Number of Contacts	A	B	C
14	36.0	35.5	24.4
24	46.8	46.3	38.6
36	59.7	59.2	53.8
50	74.9	74.4	69.7

Receptacle (D1) Deviation

Dimensions Number of Contacts	A	B
14	36.0	24.4
24	46.8	38.6
36	59.7	53.8
50	74.9	69.7