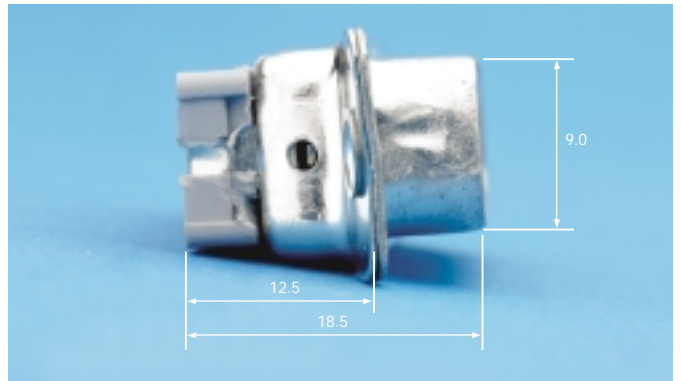
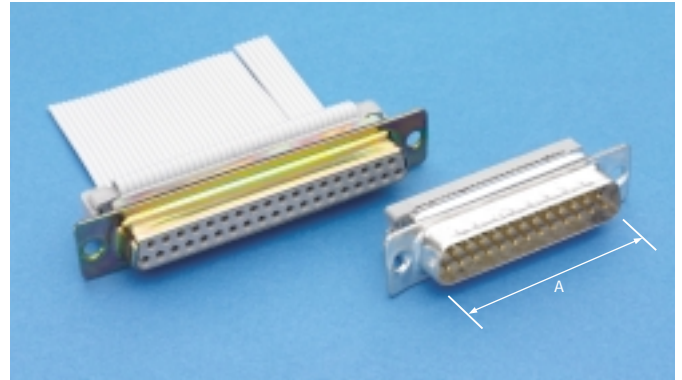


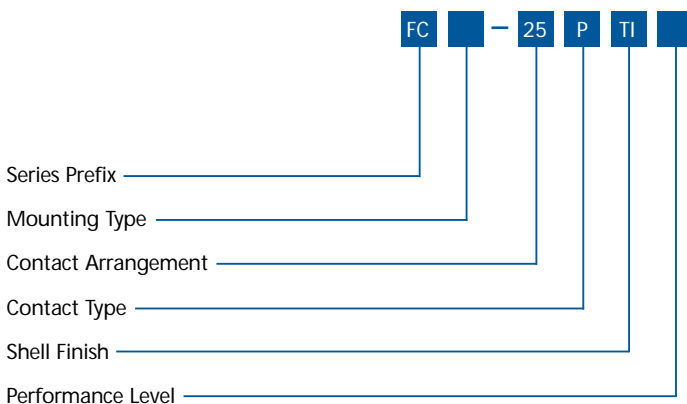
## Technical Data

Termination Options	Insulation Displacement
Number of Contacts	9 15 25 37
Maximum Insertion & Extraction Force	30 50 83 123N
Performance Level	2 or 3
Wire Accommodation	26-28 AWG
Plug Contact Material	Copper Alloy
Socket Contact Material	Copper Alloy
Current Rating	1A
Proof Voltage	1.05 Kv or a.c. peak
Working Voltage	350V d.c. or a.c. peak
Contact Resistance	$5 \times 10^{-3} \Omega$ max
Insulation Resistance	$\leq 1 \times 10^9 \Omega$
Temperature Range	-55° to + 85°C Limited by PVC insulation on ribbon cable
Insulator Materials	GF Polyester. UL 940V-0 Rated
Shell Materials	Steel - Zinc plated or bright tin finish with grounding indents on plugs



Number of contacts	A
9	20.2
15	28.6
25	42.3
37	58.8

## Part Numbering



Series Prefix	FC	
Shell Size	E, A, B, C	
Mounting Type	B	4-40 rivnut for rear panel mounting
	F	Float mount bushes
	P	M3 rivnut for rear panel mounting
	No designation	Ø 3.05mm mounting hole (90° PCB mount)
Contact Arrangement		9, 15, 25, or 37
Contact Type		P or S
Shell Finish	T	Bright tin
	TI	Bright tin with grounding indents (plugs only)
	No Designation	Zinc plated with yellow chromate passivation
Performance Level	1	DIN Class 1
	No Designation	Performance level 2

\*Unless expressly stated, otherwise, backplate will be supplied assembled