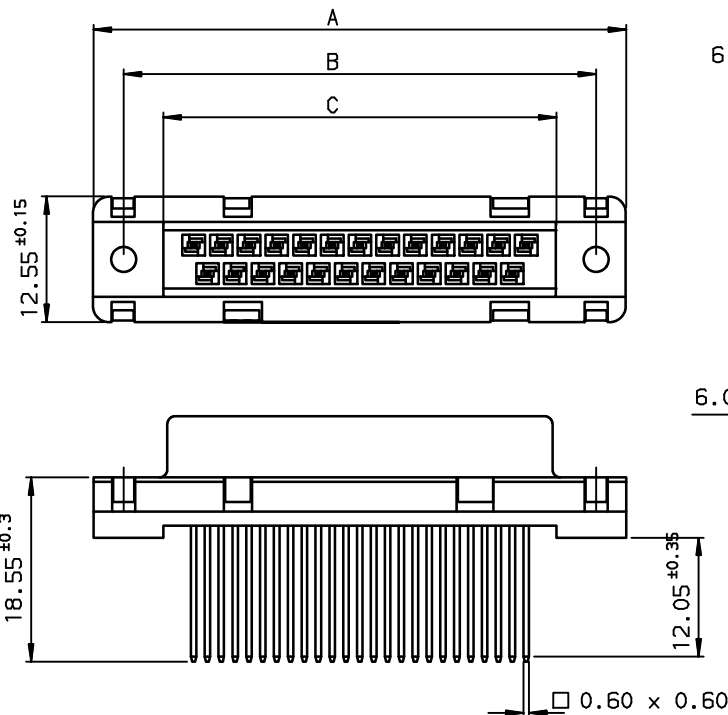




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REQUIREMENTS

Technical characteristics:

Shell: steel tin plated
Insulators: self-extinguishing thermoplastic, UL class 94V0
Contacts size 20: phosphor bronze, gold on mating end, bright tin lead on termination end over nickel on entire contact
Cycles : 200 for plating 4
: 500 for plating 5 and 6

gauge retention force: 0.20N mini

Electrical characteristics:

max. current rating: 5A
Test voltage: 1000V
Rated voltage: 300V
Contact resistance: $\leq 10\text{m}\Omega$
Shell resistance: $\leq 5\text{m}\Omega$
Insulation resistance: $\geq 5000\text{M}\Omega$

Climatic characteristics:

Operating temperature range: -55°C to $+125^\circ\text{C}$

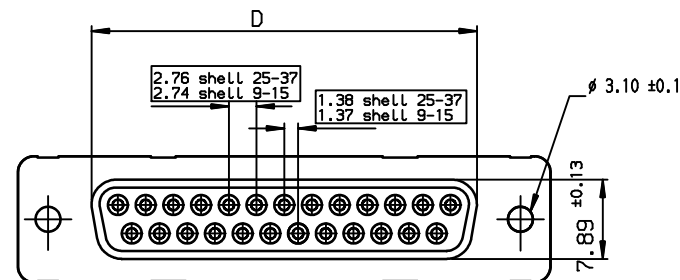
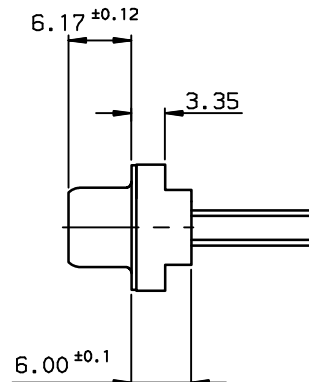
Dimensions:

in accordance with MIL-C-24308C and DIN41652

NOTE RoHS INFORMATION

- The "LF" products meet European Union Directives and other country regulations as described in 65-22-008.
- Termination plating spec: 1.27 μm Nickel mini, 2.5 to 7.5 μm Sn (pure matte)
- Shell plating : 2 to 4 μm Cu + 3 to 10 μm Sn (pure bright)
- Accessories: Sn pure bright
- Packaging spec: see 65-14-920

REV F - 2006-04-17



TIN LEAD PART NUMBER

SHELL	A±0.38	B±0.12	C±0.10	D±0.25	E±0.07	PART NUMBER
09	30.81	24.99	16.96	16.21	10.96	D09S25K*PA00
15	39.14	33.32	25.18	24.54	19.18	D15S25K*PA00
25	53.03	47.04	39.12	38.25	33.12	D25S25K*PA00
37	69.32	63.50	55.68	54.71	49.68	D37S25K*PA00

PROTECTION

Plating 4 = flash AU
Plating 5 = 0.4 μm AU
Plating 6 = 0.76 μm AU

LEAD FREE PART NUMBER

SHELL	A±0.38	B±0.12	C±0.10	D±0.25	E±0.07	PART NUMBER
09	30.81	24.99	16.96	16.21	10.96	D09S25K*PA00LF
15	39.14	33.32	25.18	24.54	19.18	D15S25K*PA00LF
25	53.03	47.04	39.12	38.25	33.12	D25S25K*PA00LF
37	69.32	63.50	55.68	54.71	49.68	D37S25K*PA00LF

PROTECTION

Plating 4 = flash AU
Plating 5 = 0.4 μm AU
Plating 6 = 0.76 μm AU

European Views

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection mm	size Scale A3 2	
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	JARRY	1994/07/05	ANGULAR LINEAR	0.X	±0.1		
Eng	PESSON	1994/07/05		0.XX	±0.1		
Chr	LEGARE	1994/07/05		0.XXX	±0.1		
Appr	LEGARE	1994/07/05	Product family		D-SUB	Spec ref	-
			FEMALE CONNECTOR		C01-8646-0270		Rev. D
			WIRE WRAP (3 Levels)				
			catalog no		CUSTOMER		sheet 1 of 1

PDM: Rev:D

STATUS: Released

Printed: Jan 18, 2011