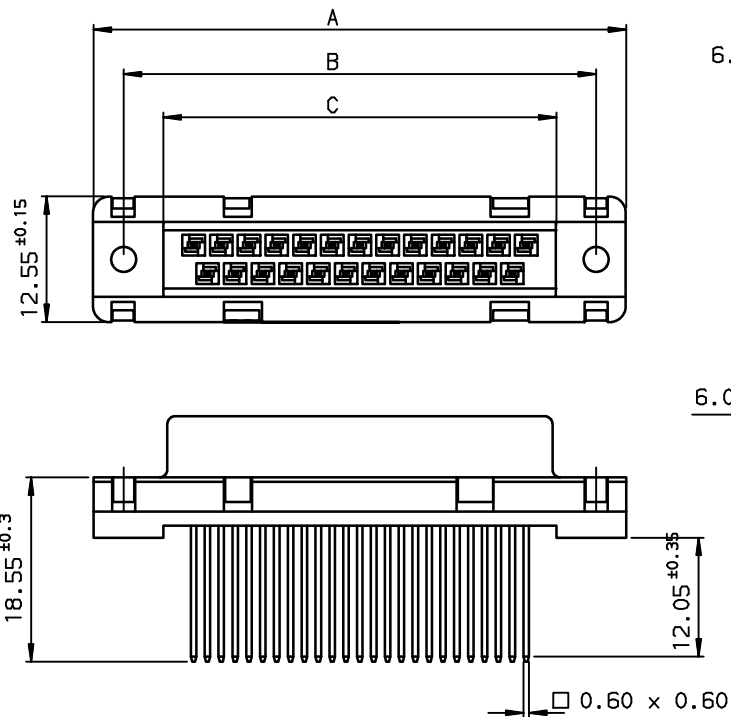




REQUIREMENTS

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:

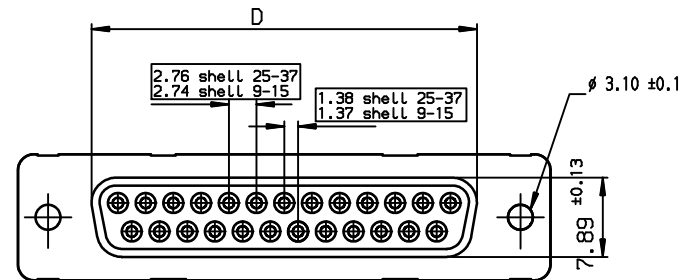
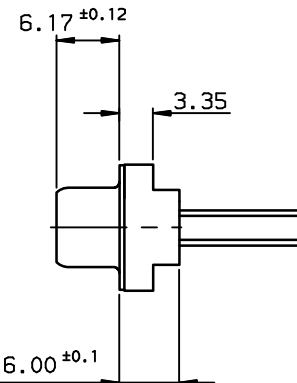
Operating temperature range: -55°C to $+125^\circ\text{C}$

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



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 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	JARRY	1994/07/05	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 2		
Eng	PESSON	1994/07/05			0.XX	±0.1				
Chr	LEGARE	1994/07/05			0.XXX	±0.1		ECN	LS06-0097	
Appr	LEGARE	1994/07/05	Product family				D-SUB	Spec ref -		
			title FEMALE CONNECTOR WIRE WRAP (3 Levels)				dwg no C01-8646-0270		Rev D	
catalog no			-				CUSTOMER		sheet 1 of 1	

rev	ecn no	dr	date
B	-	SJO	1998/03/17
C	LS05-0056	LGO	2005/04/29
D	LS06-0097	LGO	2006/07/29
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-