

A

B

C

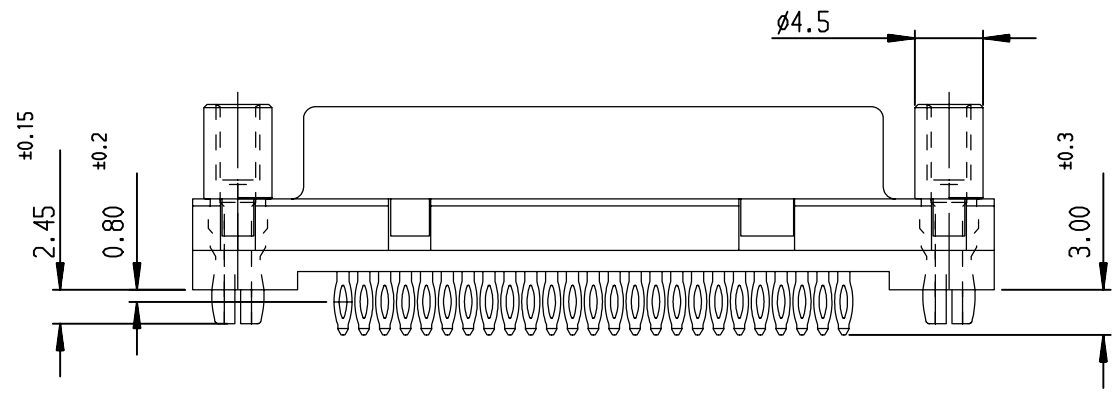
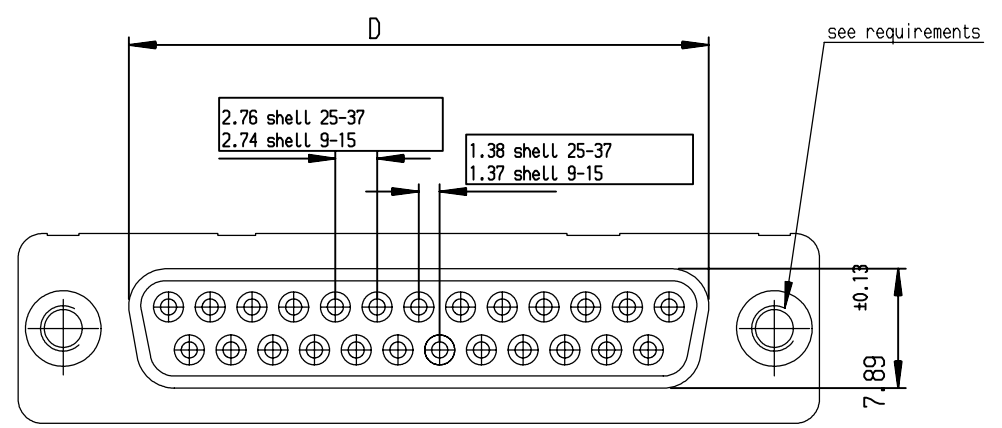
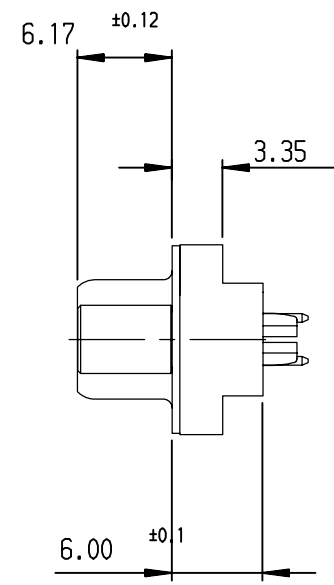
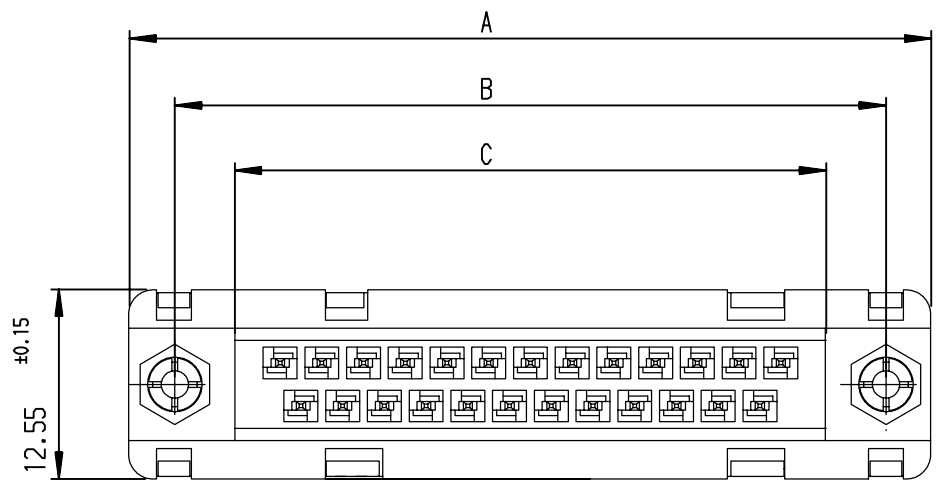
D

A

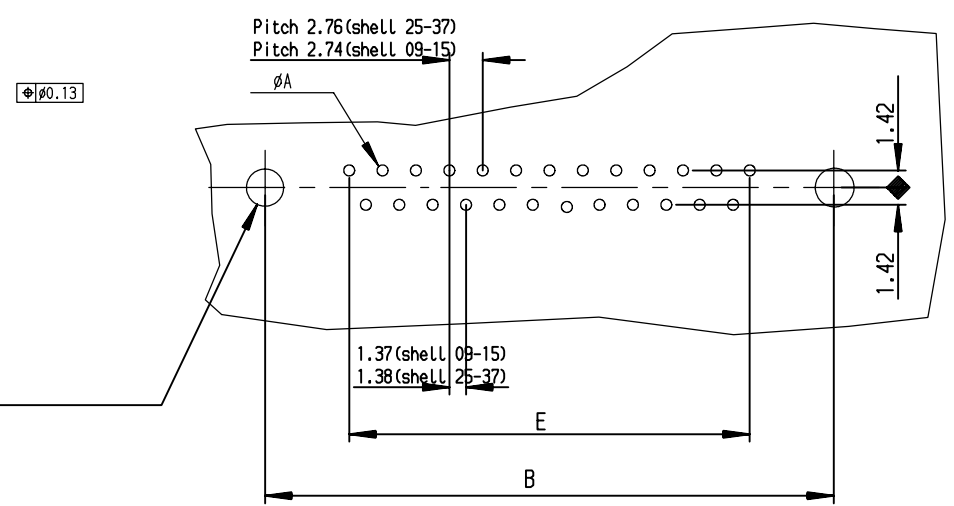
B

C

D



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	D09S91C6GV4D
15	39.14	33.32	25.18	24.54	19.18	D15S91C6GV4D
25	53.03	47.04	39.12	38.25	33.12	D25S91C6GV4D
37	69.32	63.50	55.68	54.71	49.68	D37S91C6GV4D
0.76µ gold						



REQUIREMENTS

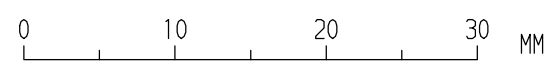
Technical characteristics:
 Shell: steel tin plated
 Insulators: self-extinguishing thermoplastic, UL class 94V0
 Contacts: phosphor bronze, gold (for thickness see table)
 over 2µ mini nickel on active area and flash to 1.5µ maxi SnPb over
 1µ mini nickel on termination
 Cycles: 500 min for plating 6
 Gauge retention force: 0.20 N mini
 133 N (30lb) / post minimum retention when mounted in a 3.12 mm plated thru-hole .
Accessories:
 female screwlock with harpoon: tin plated, UNC 4.40
 retention against torque 0.90N.m minimum after insertion in PCB
Electrical characteristics:
 max. current rating: 5A
 Test voltage: 1000V
 Rated voltage: 300V
 Contact resistance: <10mΩ
 Shell resistance: <5mΩ
 Insulation resistance: >5000MΩ
Climatic characteristics:
 Operating temperature range: -55°C +125°C
Dimensions:
 in accordance with MIL-C-24308B and DIN41652

PC board drilling dimensions (after plating)
 (thickness ≤ 3.20±0.30mm)

PCB HOLE DEFINITION		
	ØA	ØB
DRILLED HOLE	Ø1.15±0.03	Ø3.17±0.03
COPPER PLATING	25µ mini	25µ mini
TIN LEAD PLATING	5µ mini	
FINISHED HOLE (after reflow for tin lead plating)	Ø0.94-1.05	Ø2.97-3.12

rev	ecn no	dr	date
E	-	JOU	2000/06/28
F	LS06-0140	LGO	2006/09/21
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection	mm
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	JARRY	1999/05/07	ANGULAR	0.X ±0.1	size A3
Eng	PESSON	1999/05/07	LINEAR	0.XX ±0.1	Scale 2.0
Chr	LEGARE	1999/05/07	0.XX' ±2'	0.XXX ±0.1	ECN LS06-0140
Appr	LEGARE	1999/05/07	Product family	D-SUB	Spec ref -
		title FEMALE CONNECTOR DELTA D EUROPE		dwg no C01-8646-0668	Rev. F
catalog no -		CUSTOMER		sheet 1 of 1	



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