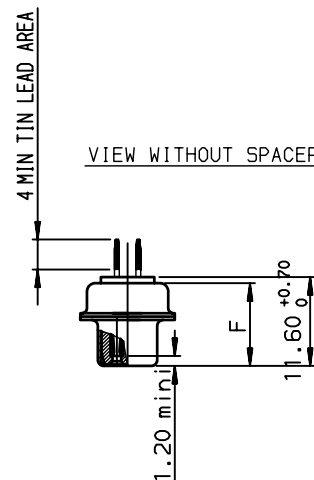
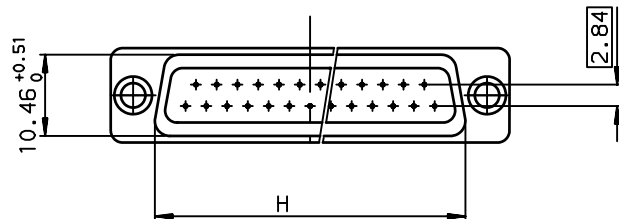
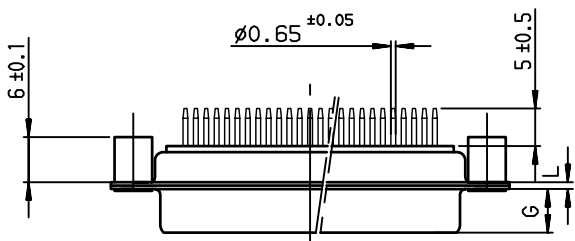
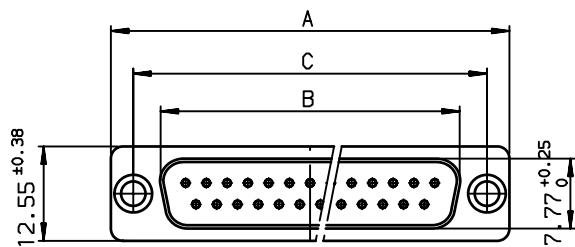


Dimensions are in millimeters

Shell size	Number of contacts	A ^{+0.76 0}	B ^{+0.25 0}	C ^{±0.12}	F ^{+0.51 0}	G ^{+0.25 0}	H ^{+0.51 0}	L ^{+0.22 0}	PART NUMBER
									gold
E	09	30.43	16.21	24.99	10.64	6.05	19.02	0.80	DEMS09P300SP67
A	15	38.76	24.54	33.32	10.64	6.05	27.25	0.80	DAMS15P300SP67
B	25	52.65	38.25	47.04	10.64	6.05	41.02	0.80	DBMS25P300SP67
C	37	68.94	54.71	63.50	10.64	6.05	57.45	1.00	DCMS37P300SP67

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VIEW WITHOUT SPACER

ELECTRICAL DATA

-I max	7.5A
-Contact resistance	≤7.3 mΩ
-Insulation resistance	≥5000 MΩ
-TEST VOLTAGE	
contact/contact	≥1000V
contact/ground	≥1200V

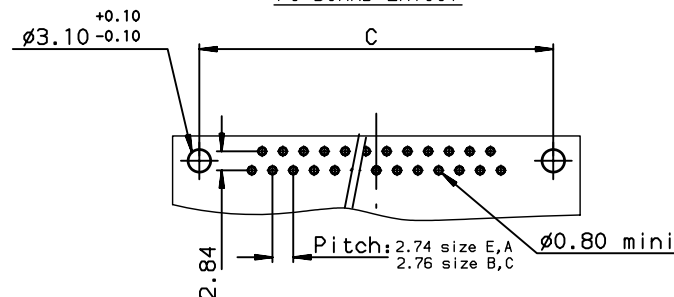
MECHANICAL DATA

-Contact force	≥0.14N
-Retention force	≥40N
-Insertion force	according to DIN41652 Part 2
-Withdrawal force	according to DIN41652 Part 2
-Mechanical endurance	≥ 200 matings / unmatings
-Material shell	steel, cadmium plated
-Material insulator	green thermoset
-Material contacts	pin: brass
-Finish on contact area	gold over nickel
-Finish on termination end	tin lead
-Solderability	according to DIN 41640 Part 70, test 12a
-Shock	according to DIN41640 Part 14, test 6c, 50g
-Vibration	according to DIN41640 Part 15, test 6d, 20g
	10 to 2000Hz: discontinuity ≤1μs

ENVIRONMENTAL DATA

-Climatic category	-55°/+155°/56j
-Corrosion	salt spray: 48h

PC BOARD LAYOUT



European Views

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	M PESSON	2008/08/27	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 1.5		
Eng	P LEGARE	2008/08/27			0.XX	±0.1				
Chr	-	-			0.XXX	±0.1				
Appr	-	-	Product family				D-SUB	ECN LS08-0180 Spec ref -		
			title SOCKET CONNECTOR with straight solder contact				dwg no C-8637-0541		Rev. A	
			catalog no				-	CUSTOMER		sheet 1 of 1