

ELECTRICAL DATA

-I max	7.5A
-Contact resistance	$\leq 7.3 \text{ m}\Omega$
-Insulation resistance	$> 5000 \text{ M}\Omega$
-TEST VOLTAGE	
contact/contact	$> 1000 \text{ V}$
contact/ground	$> 1200 \text{ V}$

MECHANICAL DATA

-Contact force	$\geq 0.14 \text{ N}$
-Retention force	$\geq 40 \text{ N}$
-Insertion force	according to DIN41652 Part 2
-Withdrawal force	according to DIN41652 Part 2
-Mechanical endurance	:500 matings / unmatings
-Material shell	steel ,brigt cadmium
-Material insulator	thermoset UL94V0
-Material contacts	socket :brass
-Finish on contact area	gold over nickel
-Finish on termination end	gold over nickel
-Solderability	according to DIN 41640 Part 70, test 12a
-Schock	according to DIN41640 Part 14, test 6c,50g
-Vibration	according to DIN41640 Part 15, test 6d,20g 10 to 2000Hz:discontinuity $\leq 1\mu\text{s}$

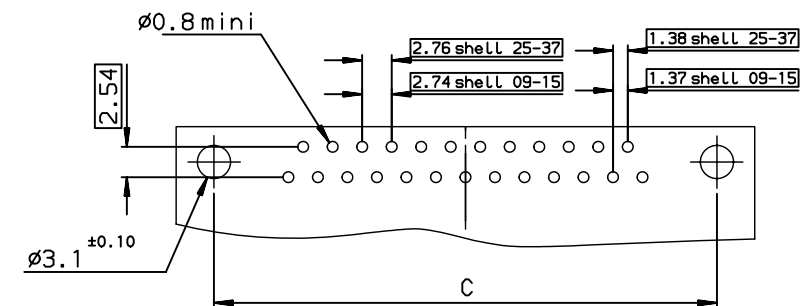
ENVIRONMENTAL DATA

-Climatic category	-55°/+150°/56
-Corrosion	salt spray: 48h

Dimensions are in millimeters

Shell size	Number of contacts	A ^{+0.76} ₋₀	B ^{+0.25} ₋₀	C ^{+0.12}	F ^{+0.57} ₋₀	G ^{+0.25} ₋₀	H ^{+0.51} ₋₀	L ^{+0.24} ₋₀	Part number
E	09	30.43	16.21	24.99	10.64	6.05	19.02	0.78	DEM09S500MN
A	15	38.76	24.54	33.32	10.64	6.05	27.25	0.78	DAM15S500MN
B	25	52.65	38.25	47.04	10.64	6.05	41.02	0.78	DBM25S500MN
C	37	68.94	54.71	63.50	10.64	6.05	57.45	0.78	DCM37S500MN
0.4μ Gold									

LAYOUT DIMENSIONS
CONNECTOR SIDE VIEW



European Views

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection size	mm
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	LINEAR	size	Scale
Dr PESSON 2004/09/08		0.X	±0.1	A3	2
Eng PESSON 2004/09/08		0.XX	±0.1	ECN	LS06-0124
Chr LEGARE 2004/09/08		0.XX' ±2°	±0.1	Spec ref	-
Appr LEGARE 2004/09/08		Product family	D-SUB	Rev. B	
FCI		SOCKET SUB D RIGHT ANGLED WITH METAL BRACKETS			dwg no C01-8637-1651
catalog no		CUSTOMER			sheet 1 of 1

rev	ecn no	dr	date
A	-	MPE	2004/09/08
B	LS06-0124	MPE	2006/08/17
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-