

ELECTRICAL DATA

-I max	7.5A
-Contact resistance	<7.3ma
-Insulation resistance	>5000Ma
-TEST VOLTAGE	
contact/contact	>1000V
contact/ground	>1200V

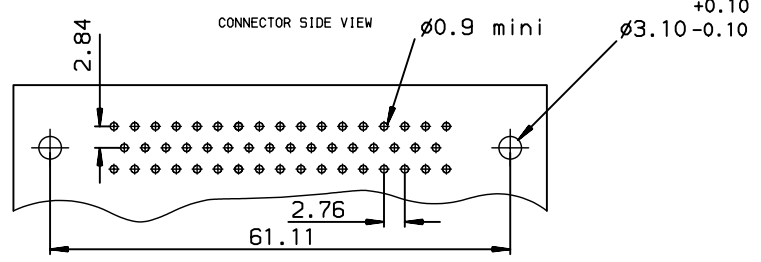
MECHANICAL DATA

-Contact Force	>0.14N
-Retention force	>40N
-Insertion force	according to DIN41652 Part 2
-Withdrawal force	according to DIN41652 Part 2
-Mechanical endurance	:500 matings / unmatings
-Material shell	steel,cadmium
-Material insulator	glass filled thermoplastic UL94V0
-Material contacts	pin:brass;
Finish on contact area	gold over nickel
Finish on termination end	gold over nickel
-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° / +125° /56
-Corrosion	salt spray:48h

LAYOUT DIMENSIONS (after plating)



European Views

www.fciconnect.com			surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection mm
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	M PESSON	2007/11/08	ANGULAR	0.X ±0.1	size A3
Eng	P LEGARE	2007/11/08	LINEAR	0.XX ±0.1	Scale 1.5
Chr	P LEGARE	2007/11/08		0.XXX ±0.1	
Appr	P LEGARE	2007/11/08	Product family		ECN LS07-0284
				SUB	Spec ref -
title MALE CONNECTOR HE501			dwg no C-8637-1768		Rev. A
STR STB+SEALING			CUSTOMER		sheet 1 of 1

rev	ecn no	dr	date
A	LS07-0284	MPE	2007/11/08
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DDML50P300SP73	M3
PART NUMBER	Threaded A