



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: 200 min for plating 4

: 500 min for plating 6

Accessories:

Without accessories: round hole dia 3.10 mm

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

PART NUMBER	
Flash gold	D50P90C4PA00
0.76µ gold	D50P90C6PA00

PCB HOLE DEFINITION		
-	ØA	ØB
DRILLED HOLE	Ø1.15±0.03	Ø3.22±0.03
COPPER PLATING	25µ mini	
TIN-LEAD PLATING	5µ mini	
FINISHED HOLE AFTER REFLOW	Ø0.94-1.09	Ø3.02-3.20



rev	ecn no	dr	date
A	-	JOU	1997/10/20
B	LS06-0140	LGO	2006/09/22
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www.fciconnect.com			surface ISO 1302		✓	tolerance std ISO 406 ISO 1101		projection 	 mm	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	JOUBERT	1997/10/20	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 2.0		
Eng	PESSON	1997/10/20			0.XX	±0.1				
Chr	LEGARE	1997/10/20			0.XX' ±2°	0.XXX			±0.1	
Appr	LEGARE	1997/10/20	Product family D-SUB				ECN LS06-0140 Spec ref -			
			title MALE CONNECTOR DELTA LOW PROFIL straight press fit				dwg no C01-8646-0581		Rev. B	
			catalog no				-	CUSTOMER		sheet 1 of 1