

REQUIREMENTS

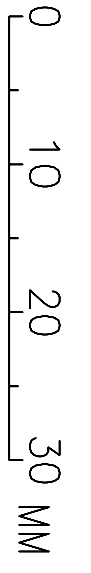
Technical characteristics:

Shell: steel tin plated	
Insulators: self-extinguishing thermoplastic, ULclass94V0	
Contacts: phosphor bronze, gold (for thickness see table)	
over 2µ mini nickel on active area and flash to 1.5µ maxi Sn/SnPb over	
1µ mini nickel on termination	
Cycles: 200 min for plating 4	
: 500 min for plating 6	
Accessories:	

PART NUMBER NON LF	PART NUMBER LF
flash gold	D50P91C4PV00LF
0.76µ gold	D50P91C6PV00
	D50P91C6PV00LF

PCB HOLE DEFINITION

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



Female screwlock: brass, Ni plated, UNC 4.40 retention against torque 0.70N.m minimum

Electrical characteristics:

max. current rating: 5A

Test voltage: 1000V

Rated voltage: 300V

Contact resistance: ≤10mΩ

Shell resistance: ≤5mΩ

Insulation resistance: ≥25000MΩ

Climatic characteristics:

Operating temperature range: -55°C +125°C

Dimensions:

in accordance with MIL-C-24308B and DIN41652

Part number	SEE TABLE
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Dr	JOUBERT	1996-08-08	ANGULAR	0.X	±0.1	projection	A3	size	2
Eng	PESSON	1996-08-08	LINEAR	0.XX	±0.1				
Chr	NIRMAL GEORGE	2010-02-19	0.XX' ±2	0.XXX	±0.1			ECN	110-0055
Appr	SUDHIR VARMA	2010-02-19	Product family					Spec ref	-

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FCI

MALE CONNECTOR DELTA D 50-EUROPE

straight press fit-female 4-40 screw

catalog no

C01-8646-0475

CUSTOMER

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