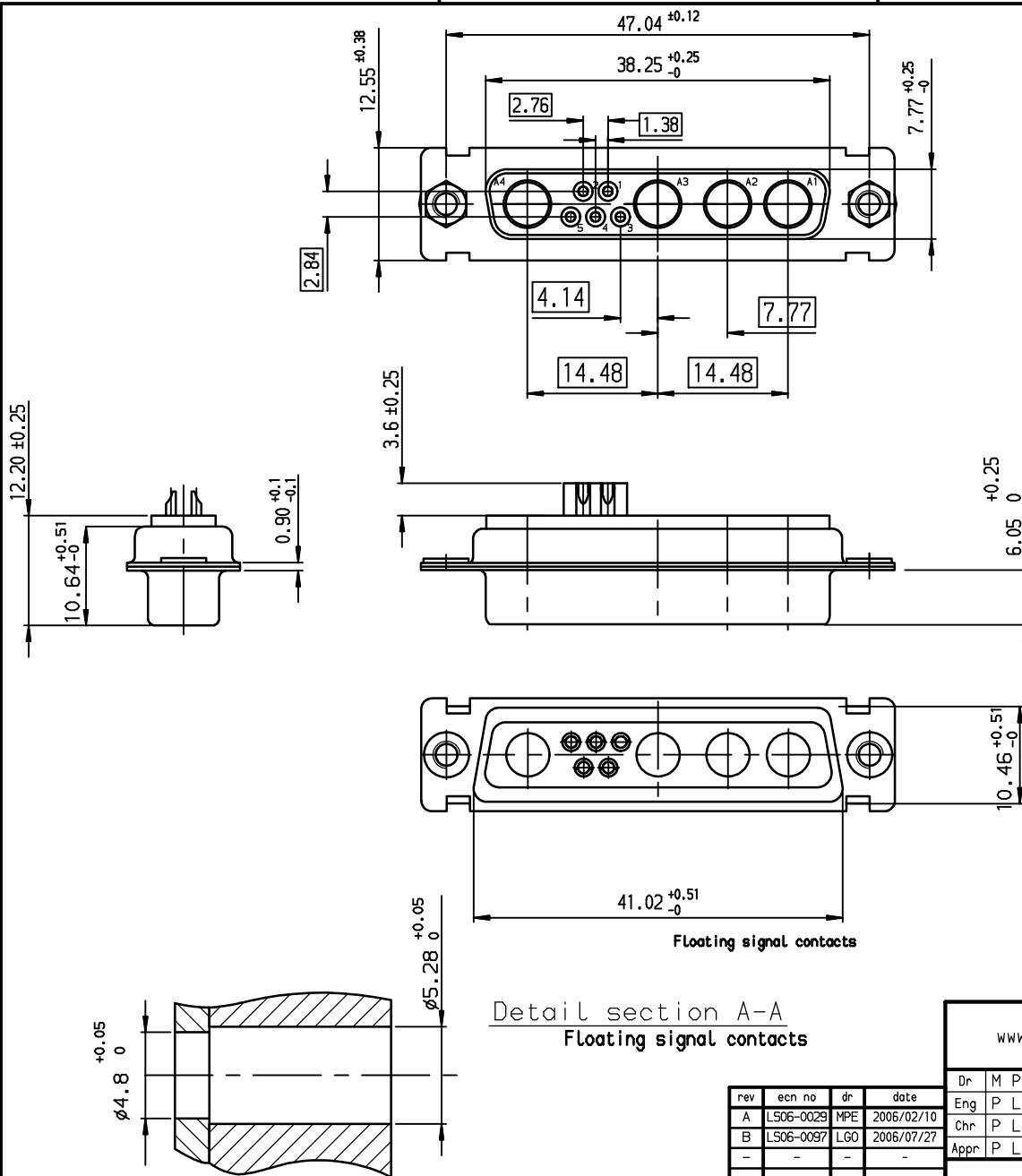




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CHARACTERISTICS:

Max current rating: 7.5A per standard contact
Dielectric withstanding voltage: 1000V minimum
Insulation resistance: >5000Ma
Contact resistance: <7.3ma
Mating and unmating forces: 500

Contact retention: 40N for contact size 20
Material of -insulator: Thermoset
-shell: Steel
-contact: brass

Plating of -shell: cadmium
-contact: gold over nickel

Contact diameter: 1 mm
cable diameter: AWG 20 maxi (0.6mm²)
Temperature range: -55°C,+155°C

TEST RESULTS

Contact resistance after 100,200,500 mating/unmating: RC<7.3 ma

Results of salt spray test: method 1001 of MIL STD 1344

Mating/unmating force after 500 mating cycles: <0.2N per contact

Shock test results: method 2004 MIL STD 1344 discontinuity <1 microsecond




Vibrations: method 2005 of MIL STD 1344 discontinuity <1 microsecond

Humidity: method 1002 of MIL-STD-1344,56 days

DBM9W45N

PART NUMBER

European Views

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	M PESSON	2006/02/10	ANGULAR	LINEAR	0.X	±0.1	size	A3	Scale	2
Eng	P LEGARE	2006/02/10			0.XX	±0.1				
Chr	P LEGARE	2006/02/10			0.XXX	±0.1	ECN		LS06-0097	
Appr	P LEGARE	2006/02/10	Product family			D-SUB		Spec ref -		
		SUB FEMALE DMW 9W4					dwg no C01-8637-1717		Rev	
		WITH SOLDER BUCKET							B	
		catalog no -							CUSTOMER sheet 1 of 1	

REV F - 2006-04-17

PDM: Rev:B

STATUS:Released

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