

**ELECTRICAL DATA**

-I max	7.5A
-Contact resistance	≤7.3mΩ
-Insulation resistance	>5000MΩ
-TEST VOLTAGE	
contact/contact	>1000V
contact/ground	>1200V

**MECHANICAL DATA**

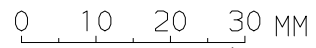
-Contact force	≥0.20N
-Retention force	≥40N
-Insertion force	according to DIN41652 Part 2
-Withdrawal force	according to DIN41652 Part 2
-Mechanical endurance	:200 matings / unmatings for 0.4μ gold :500 matings / unmatings for 0.76μ gold
-Material shell	steel ,cadmium plated
-Material insulator	glass filled thermoplastic UL94V0
-Material contacts	pin:brass.
-Finish on contact area	gold over nickel (see table)
-Finish on termination end	bright gold-Lead over nickel

**ENVIRONMENTAL DATA**

-Climatic category	-55°/ +155°/56
-Corrosion	salt spray:48h

Dimensions are in millimeters

Shell size	Number of contacts	A <sup>+0.76</sup> <sub>0</sub>	B <sup>+0.25</sup> <sub>0</sub>	C <sup>±0.12</sup>	F <sup>+0.51</sup> <sub>0</sub>	G	H <sup>+0.51</sup> <sub>0</sub>	K <sup>Maxi</sup>	L <sup>+0.22</sup> <sub>0</sub>	Part number	
										0.4μ gold	0.76μ gold
E	09	30.43	16.79	24.99	10.47	5.90 <sup>+0.15</sup> <sub>0</sub>	19.02	1.50	0.80	DEM09PN	DEM09P043N
A	15	38.76	25.12	33.32	10.47	5.90 <sup>+0.15</sup> <sub>0</sub>	27.25	1.50	0.80	DAM15PN	DAM15P043N
B	25	52.65	38.84	47.04	10.43	5.70 <sup>+0.25</sup> <sub>0</sub>	41.02	1.50	0.80	DBM25PN	DBM25P043N
C	37	68.94	55.30	63.50	10.56	5.70 <sup>+0.25</sup> <sub>0</sub>	57.45	1.50	1.00	DCM37PN	DCM37P043N



b	19/03/03	Add part number	--	--
ISS	DATE	Latest modification by :	JARRY	MOD N°
Designed by:		JARRY	date:12/07/01	Type of drawing:
CLIENT				SHEET 01
TITLE : PIN CONNECTORS D SUB WITH SOLDER PINS				
SCALE: 1:5				
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FORMAT	SOURIAU DRG N°		PROJECT	
A3	C01-8637-1560		M94D001	