



Dimensions are in millimeters

Shell size	Number of contacts	A ^{+0.76} ₀	B ^{+0.25} ₀	C ^{±0.12}	F ^{+0.51} ₀	G	H ^{+0.51} ₀	L ^{+0.22} ₀	Part number
E	09	30.43	16.79	24.99	10.47	5.90 ^{+0.15} ₀	19.02	0.80	DEMF09P052
A	15	38.76	25.12	33.32	10.47	5.90 ^{+0.15} ₀	27.25	0.80	DAMF15P052
B	25	52.65	38.84	47.04	10.43	5.70 ^{+0.25} ₀	41.02	0.80	DBMF25P052
C	37	68.94	55.30	63.50	10.56	5.70 ^{+0.25} ₀	57.45	1.00	DCMF37P052

0 10 20 30 MM

ELECTRICAL DATA

-I max	7.5A
-Contact resistance	≤55mΩ under 7.5 A
-Insulation resistance	≥5000MΩ
-TEST VOLTAGE	
contact/contact	≥1000V
contact/ground	≥1200V

MECHANICAL DATA

-Contact force	≥0.20N
-Retention force	≥40N
-Insertion force	according to MIL-DTL-24308
-Withdrawal force	according to MIL-DTL-24308
-Mechanical endurance	:500 matings / unmatings
-Material shell	steel ,cadmium
-Material insulator	glass filled thermoplastic UL94V0
-Material contacts	socket:brass.
-Finish on contact area	gold 50μ inch min over nickel 30-150μinch min
-Finish on termination end	tin-lead 100μinch min over nickel 30-180μinch min
-Solderability	according to MIL-DTL-24308
-Shock	according to MIL-DTL-24308
-Vibration	according to MIL-DTL-24308

ENVIRONMENTAL DATA

-Climatic category	-55°/ +125°/56
-Corrosion	salt spray:48h

A	28/07/03	First issue	--
ISS	DATE	Latest modification by : M PESSON	MOD N°
Designed by: PESSON date:2/07/03			Type of drawing: CLIENT
TITLE : PIN CONNECTORS D SUB WITH SOLDER TAILS and FLOAT MOUNTING			SHEET 01
SCALE: 1.5			
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