



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 ^{+0.25} ₀	H ^{+0.51} ₀	K	L ^{+0.22} ₀	Part number
E	09	30.43	16.21	24.99	10.64	6.05	19.02	1.50 MAXI	0.80	DEM09S032N
A	15	38.76	24.54	33.32	10.64	6.05	27.25	1.50 MAXI	0.80	DAM15S032N
B	25	52.65	38.25	47.04	10.64	6.05	41.02	1.50 MAXI	0.80	DBM25S032N
C	37	68.94	54.71	63.50	10.64	6.05	57.45	1.50 MAXI	1.00	DCM37S032N

ELECTRICAL DATA

- I max 7.5A
- Contact resistance <55ma under 7.5 A
- Insulation resistance >5000Ma
- 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 brass
- Finish on contact area gold 50µ inch min over nickel 30-150µinch min
- Finish on termination end gold over nickel
- Solderability according to MIL-DTL-24308
- Schock according to MIL-DTL-24308
- Vibration according to MIL-DTL-24308

ENVIRONMENTAL DATA

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

European Views

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection	mm
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	M PESSON	2005/07/20	ANGULAR	0.x ±0.1	size A3
Eng	P LEGARE	2005/07/21	LINEAR	0.xx ±0.1	Scale 2
Chr	-	-	0.xx* ±2*	0.xxx ±0.1	ECN LS06-0097
Appr	P LEGARE	2005/07/21	Product family	D-SUB	Spec ref -
FCI			title SOCKET CONNECTOR D MARK I		Rev. B
			WITH SOLDER BUCKETS		chg no C01-8637-1659
catalog no -			CUSTOMER sheet 1 of 1		

rev	ecn no	dr	date
A	LS06-0053	MPE	2006/04/03
B	LS06-0097	LGO	2006/07/27
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-