PART NO.		REV	ECO	DATE	APP
		G	94450	05–14–07	TLM

MATERIALS & SPECIFICATIONS

HOUSING: ALUMINUM 6061–T6, NICKEL PLATE PER AMS–C–26074

INSULATOR: LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138

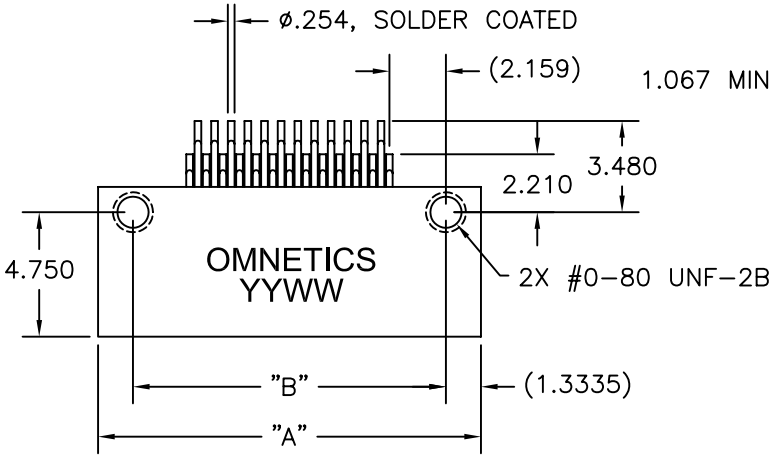
CONTACT: COPPER ALLOY PER MIL–DTL–83513, GOLD PLATED PER ASTM B488, (HARD GOLD) TYPE II CODE C CLASS 1.27

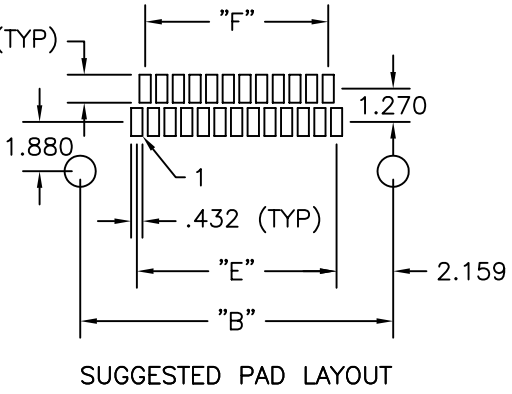
TERMINATIONS: COATED WITH SN63A PER J–STD–006

CURRENT RATING 1 AMP MAX

CONTACT RESISTANCE 25 MILLIOHM MAX

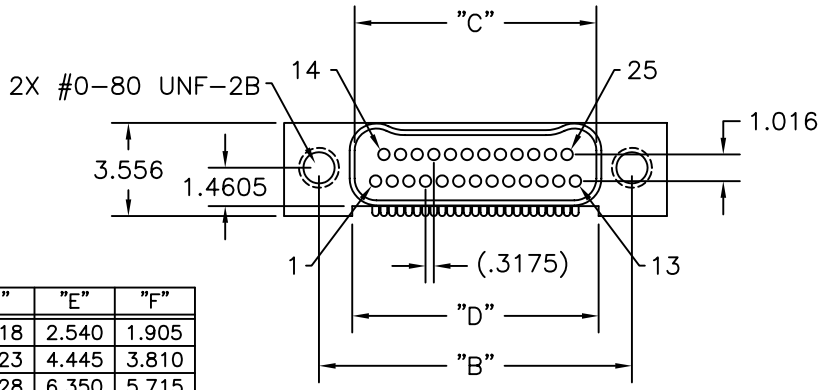
PERFORMANCE: PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE SPECIFICATIONS OF TABLE VIII OF MIL–DTL–32139

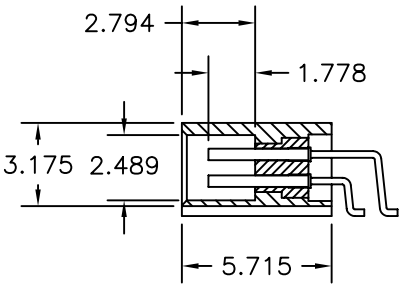




SUGGESTED PAD LAYOUT

METRIC





PART NO.	CONTACTS	"A"	"B"	"C"	"D"	"E"	"F"
A29100–009	9	9.525	6.858	4.140	4.318	2.540	1.905
A29100–015	15	11.430	8.763	6.045	6.223	4.445	3.810
A29100–021	21	13.335	10.668	7.950	8.128	6.350	5.715
A29100–025	25	14.605	11.938	9.220	9.398	7.620	6.985
A29100–031	31	16.510	13.843	11.125	11.303	9.525	8.890
A29100–037	37	18.415	15.748	13.030	13.208	11.430	10.795
A29100–051	51	22.860	20.193	17.475	17.653	15.875	15.240
A29100–065	65	27.305	24.638	21.920	22.098	20.320	19.685

(SHOWN)

MNSO

–TOLERANCES–
UNLESS OTHERWISE NOTED
DIMENSIONS IN MILLIMETERS
2 PL DEC ± .25
3 PL DEC ± .127
4 PL DEC ±
ANGLES ±

OMNETICS CONNECTOR CORPORATION

DFTM. PER	DATE 01–23–04	TITLE: (XX) SOCKET FEMALE BI–LOBE CONNECTOR
CHK'D.	DATE	
APP'D.	DATE	

CAGE CODE 61873
DWG NO. A29100–0XX
SHEET 1 OF 1
REV G
SCALE: 5:1