

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

PART NO.

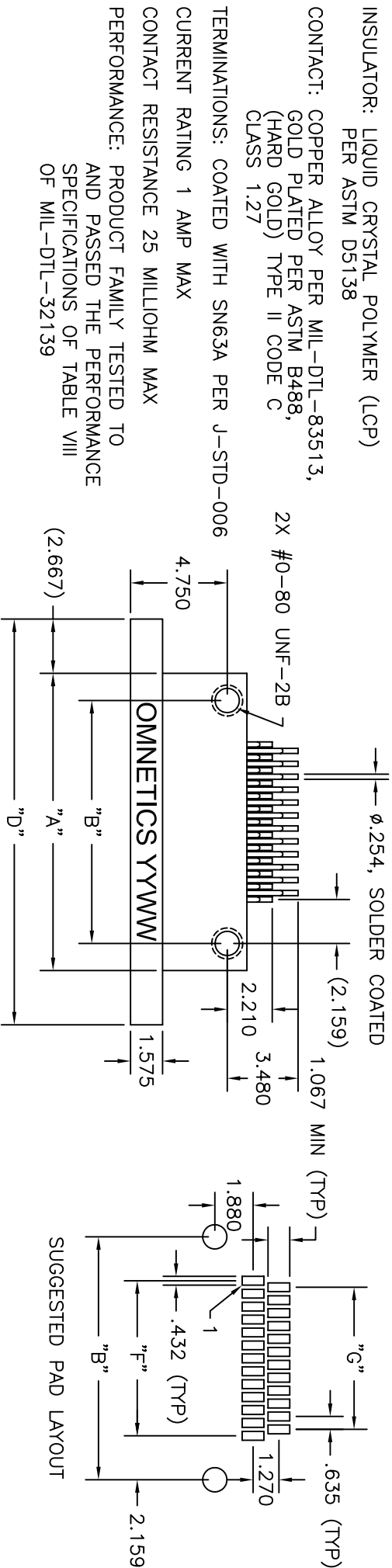
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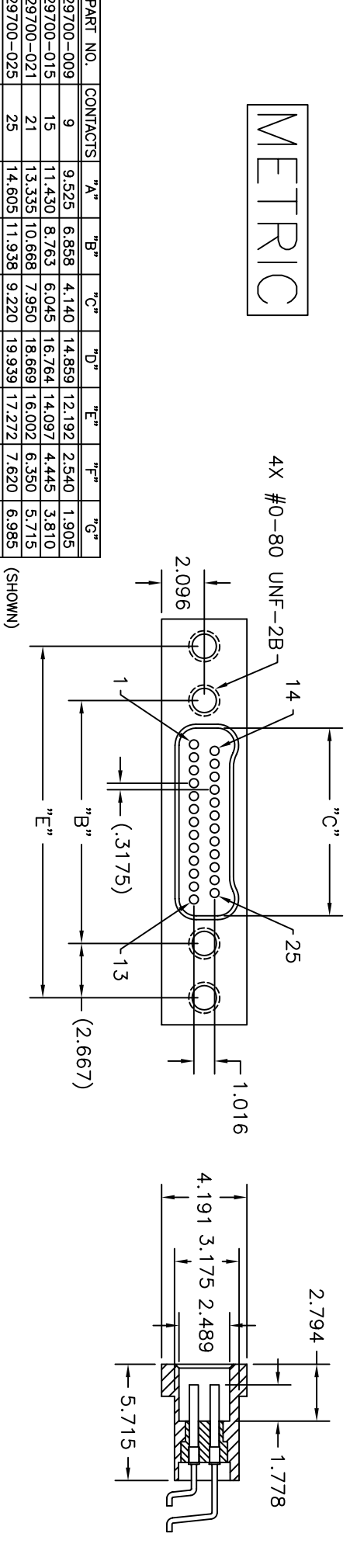
DATE

APP

E 94450 05-14-07 TLM



METRIC



PART NO.	CONTACTS	"A"	"B"	"C"	"D"	"E"	"F"	"G"
A29700-009	9	9.525	6.858	4.140	14.859	12.192	2.540	1.905
A29700-015	15	11.430	8.763	6.045	16.764	14.097	4.445	3.810
A29700-021	21	13.335	10.668	7.950	18.669	16.002	6.350	5.715
A29700-025	25	14.605	11.938	9.220	19.939	17.272	7.620	6.985
A29700-031	31	16.510	13.843	11.125	21.844	19.177	9.525	8.890
A29700-037	37	18.415	15.748	13.030	23.749	21.082	11.430	10.795
A29700-051	51	22.860	20.193	17.475	28.194	25.527	15.875	15.240
A29700-065	65	27.305	24.638	21.920	32.639	29.972	20.320	19.685

—TOLERANCES—
UNLESS OTHERWISE NOTED
DIMENSIONS IN MILLIMETERS

2 PL DEC	± .25	DFTM. PER	DATE	01-26-04
3 PL DEC	± .127	CHK'D.	DATE	
4 PL DEC	±	APP'D.	DATE	
ANGLES	±			

OMNETICS CONNECTOR CORPORATION

TITLE: (XX) SOCKET FEMALE
BI-LOBE CONNECTOR

CAGE CODE **61873**
DWG NO. **A29700-0XX**

SHEET 1 OF 1
SCALE: 5:1