

MATERIALS & SPECIFICATIONS

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

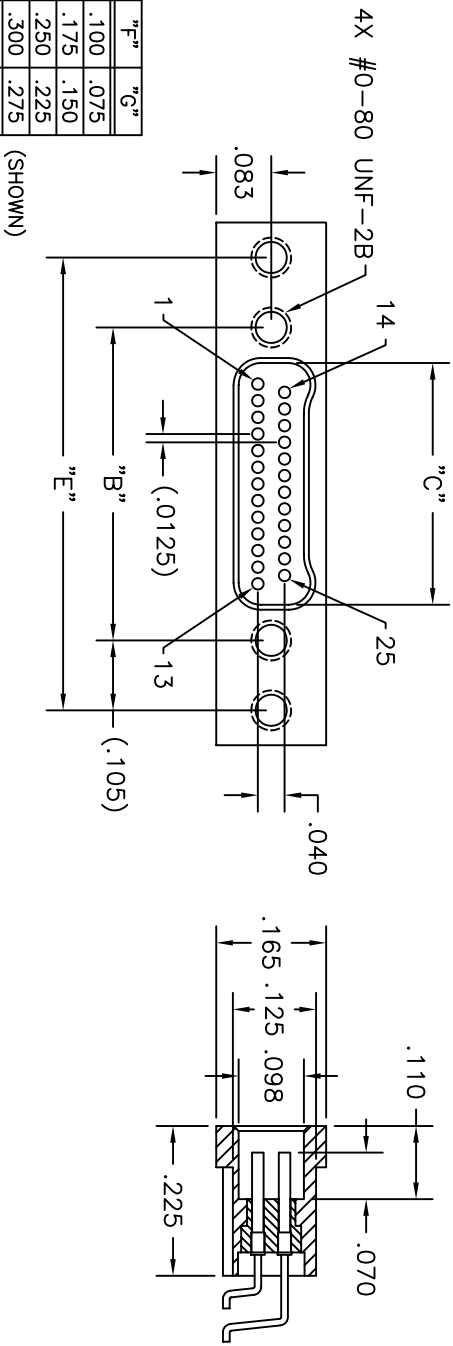
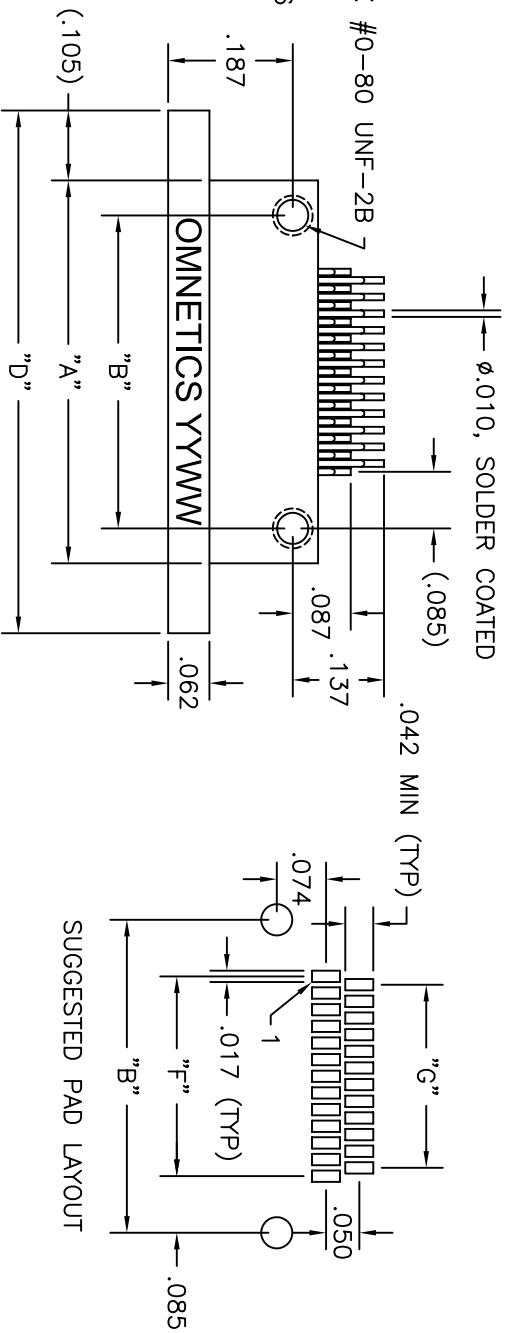
INSULATOR: LIQUID CRYSTAL POLYMER (LCP)
PER ASTM D5138

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.	REV	ECO	DATE	APP
	E	94450	05-14-07	TLM



PART NO.	CONTACTS	"A"	"B"	"C"	"D"	"E"	"F"	"G"
A29700-009	9	.375	.270	.163	.585	.480	.100	.075
A29700-015	15	.450	.345	.238	.660	.555	.175	.150
A29700-021	21	.525	.420	.313	.735	.630	.250	.225
A29700-025	25	.575	.470	.363	.785	.680	.300	.275
A29700-031	31	.650	.545	.438	.860	.755	.375	.350
A29700-037	37	.725	.620	.513	.935	.830	.450	.425
A29700-051	51	.900	.795	.688	1.110	1.005	.625	.600
A29700-065	65	1.075	.970	.863	1.285	1.180	.800	.775

MNSOP		UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES		OMNETICS CONNECTOR CORPORATION		TITLE:		CAGE CODE 61873	
2 PL DEC	± .01	DFTM. PER	DATE	04-18-03	(XX) SOCKET FEMALE	DWG NO.		A29700-0XX	
3 PL DEC	± .005	CHK'D.	DATE		BI-LOBE CONNECTOR	SHEET OF		1	
4 PL DEC	±	APP'D.	DATE			SCALE:		5:1	
ANGLES	±					REV		E	