

MATERIALS & SPECIFICATIONS

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

INSULATOR: LIQUID CRYSTAL POLYMER (LCP)
PER ASTM D5138

CONTACT: BERYLLIUM COPPER PER ASTM B194,
C17200. GOLD PLATED PER
ASTM B488, (HARD GOLD) TYPE II
CODE C, CLASS 1.27

TERMINATION: COATED WITH SN63A PER J-STD-006

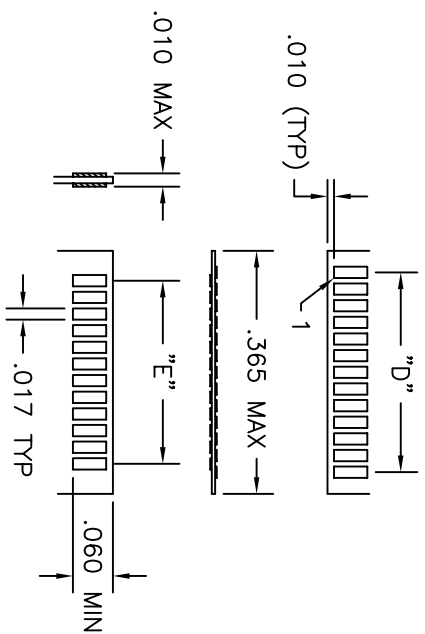
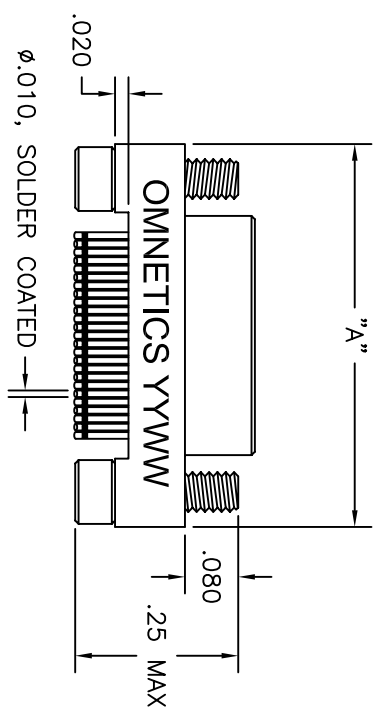
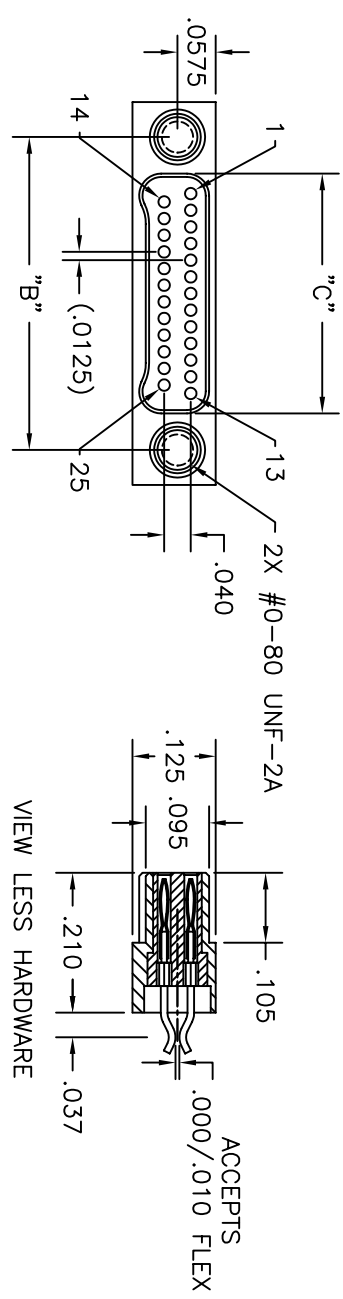
HARDWARE: 303 STAINLESS STEEL PER ASTM 582

CURRENT RATING 1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE 25 MILLIOHM MAX

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

PART NO.	CONTACTS	"A"	"B"	"C"	"D"	"E"
A28300-009	9	.375	.270	.160	.100	.075
A28300-015	15	.450	.345	.235	.175	.150
A28300-021	21	.525	.420	.310	.250	.225
A28300-025	25	.575	.470	.360	.300	.275
A28300-031	31	.650	.545	.435	.375	.350
A28300-037	37	.725	.620	.510	.450	.425
A28300-051	51	.900	.795	.685	.625	.600
A28300-065	65	1.075	.970	.860	.800	.775



SUGGESTED PAD LAYOUT

(SHOWN)

PART NO.	REV	ECO	DATE	APP
	D	94450	05-14-07	TLM

-TOLERANCES- UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES		OMNETICS CONNECTOR CORPORATION		CAGE CODE 61873	
2 PL DEC ± .01	DFTM. PER DATE	TITLE: (XX) PIN MALE		DWG NO. A28300-0XX	
3 PL DEC ± .005	CHK'D. DATE	BI-LOBE CONNECTOR		SHEET OF 1	
4 PL DEC ±	APP'D. DATE			SCALE: 5:1	
ANGLES ±				REV D	