

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
OR SOLDER PLATE PER AMS-P-81728

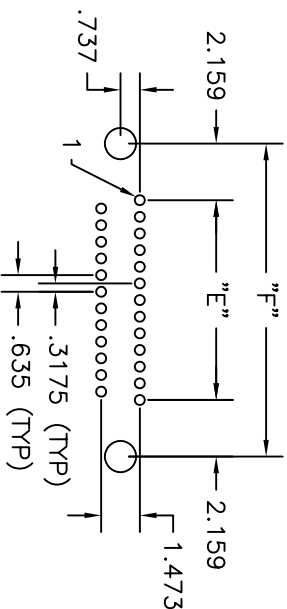
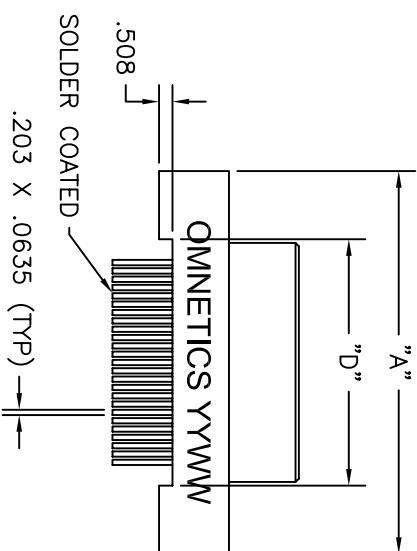
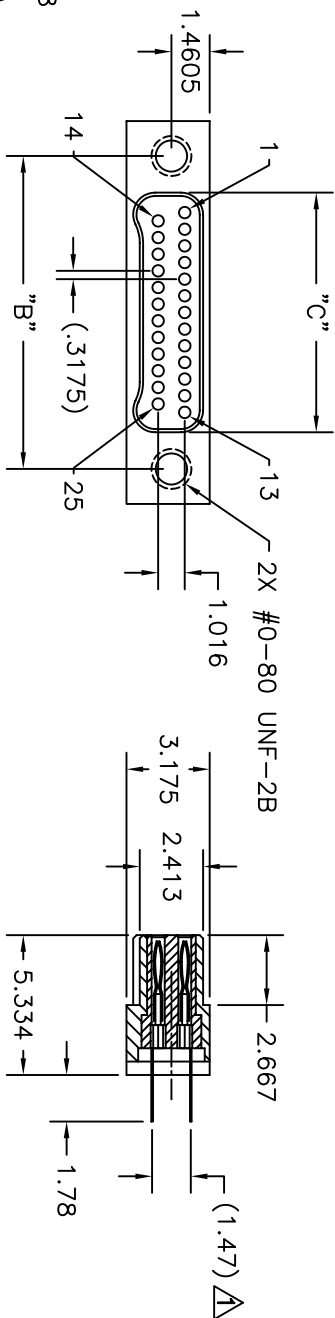
CURRENT RATING 1 AMP MAX PER MIL-DTL-32139
CONTACT RESISTANCE 25 MILLIOHM MAX

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

METRIC

PART NO.	CONTACTS	"A"	"B"	"C"	"D"	"E"	"F"
A28500-109	9	9.525	6.858	4.064	4.318	2.540	6.858
A28500-115	15	11.430	8.763	5.969	6.223	4.445	8.763
A28500-121	21	13.335	10.668	7.874	8.128	6.350	10.668
A28500-125	25	14.605	11.938	9.144	9.398	7.620	11.938
A28500-131	31	16.510	13.843	11.049	11.303	9.525	13.843
A28500-137	37	18.415	15.748	12.954	13.208	11.430	15.748
A28500-151	51	22.860	20.193	17.399	17.653	15.875	20.193
A28500-165	65	27.305	24.638	21.844	22.098	20.320	24.638

TAIL DIMENSIONS APPLY AT PLANE -A-



SUGGESTED HOLE PATTERN

(SHOWN)

-TOLERANCES-	
UNLESS OTHERWISE NOTED	
DIMENSIONS IN MILLIMETERS	
M	± .25
N	± .127
P	± .127
D	± .127
A	± .127
ANGLES	±

OMNETICS CONNECTOR CORPORATION

DATE: 03-02-04

DATE: 03-02-04

DATE: 03-02-04

DATE: 03-02-04

DATE: 03-02-04

DATE: 03-02-04

TITLE:

(XX) PIN MALE

BI-LOBE CONNECTOR

CAGE CODE **61873**

DWG NO. **A28500-1XX**

SHEET 1 OF 1

REV D

SCALE: 5:1

SCALE: 5:1

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