

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-32139,
GOLD PLATED PER ASTM B488,
(HARD GOLD) TYPE II CODE C
CLASS 1.27

WIRE: NEMA HP3 TYPE ET, COLOR CODED JAW MIL-STD-681,
SYSTEM 1, USING TEN SOLID REPEATING COLORS

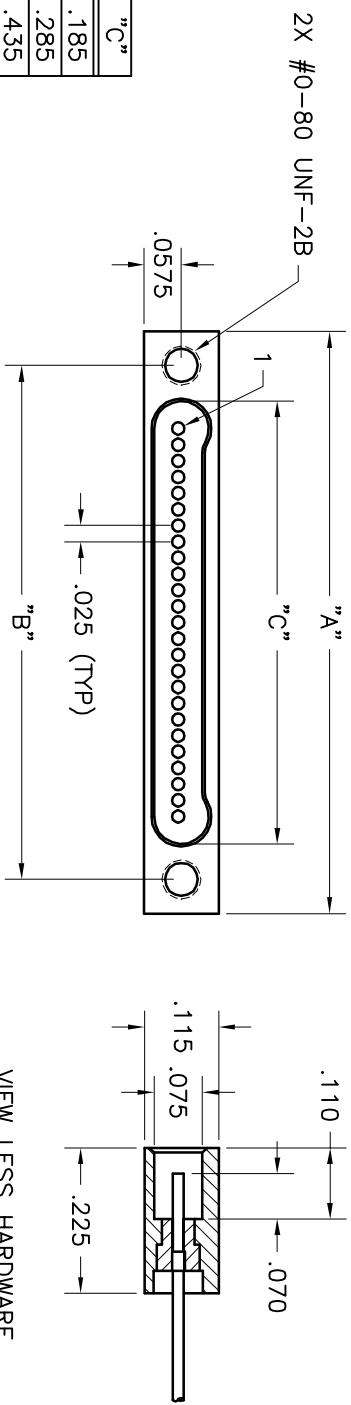
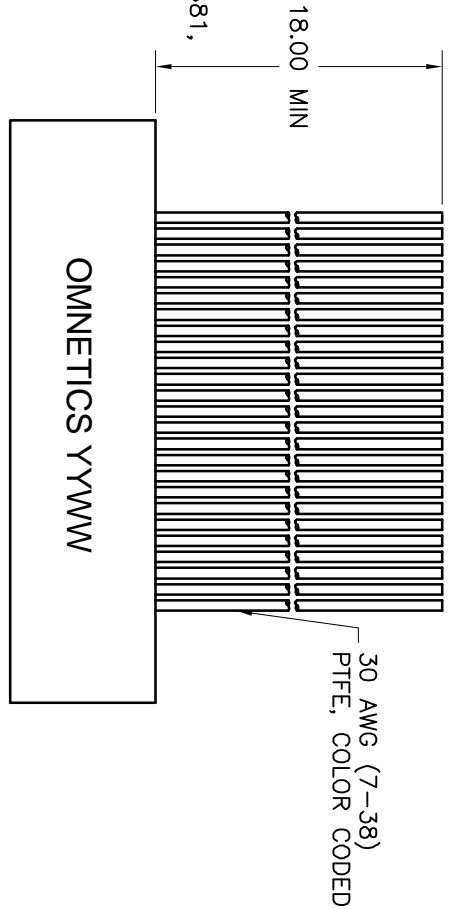
CURRENT RATING 1 AMP MAX

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
	D	94588	07-23-07	TLM

SOCKET	COLOR
1, 11, 21	BLACK
2, 12, 22	BROWN
3, 13, 23	RED
4, 14, 24	ORANGE
5, 15, 25	YELLOW
6, 16	GREEN
7, 17	BLUE
8, 18	VIOLET
9, 19	GRAY
10, 20	WHITE



PART NO.	CONTACTS	"A"	"B"	"C"
A55000-005	5	.400	.295	.185
A55000-009	9	.500	.395	.285
A55000-015	15	.650	.545	.435
A55000-021	21	.800	.695	.585
A55000-025	25	.900	.795	.685
A55000-031	31	1.050	.945	.835
A55000-037	37	1.200	1.095	.985
A55000-051	51	1.550	1.445	1.335

(SHOWN)

-TOLERANCES- UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES		OMNETICS CONNECTOR CORPORATION		CAGE CODE 61873	
2 PL DEC ± .01	DFTM. TEP	DATE	DATE	TITLE:	DWG NO.
3 PL DEC ± .005	CHK'D.	08-02-06		(XX) SOCKET FEMALE	A55000-0XX
4 PL DEC ±	APP'D.			BI-LOBE CONNECTOR	SHEET OF 1
MB SS					SCALE: 5:1
					REV D