PART NO.		REV	ECO	DATE	APP
		D	94588	07–23–07	TLM

MATERIALS & SPECIFICATIONS

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

INSULATOR: LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138

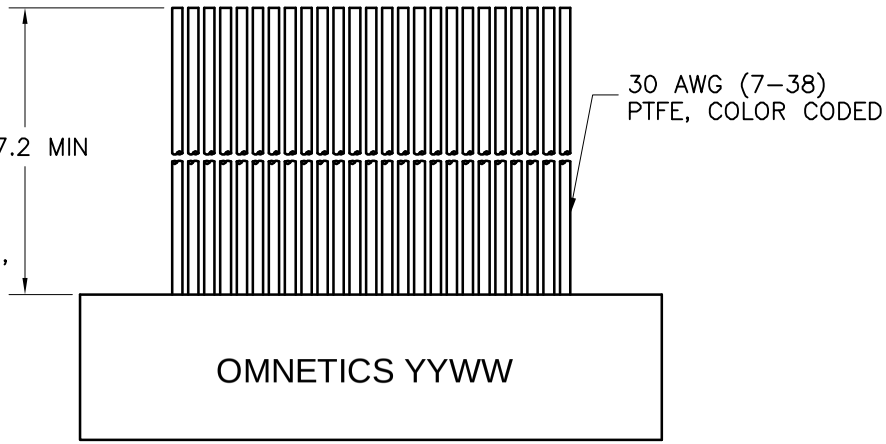
CONTACT: COPPER ALLOY PER MIL–DTL–32139, GOLD PLATED PER ASTM B488, (HARD GOLD) TYPE II CODE C CLASS 1.27

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

CURRENT RATING 1 AMP MAX

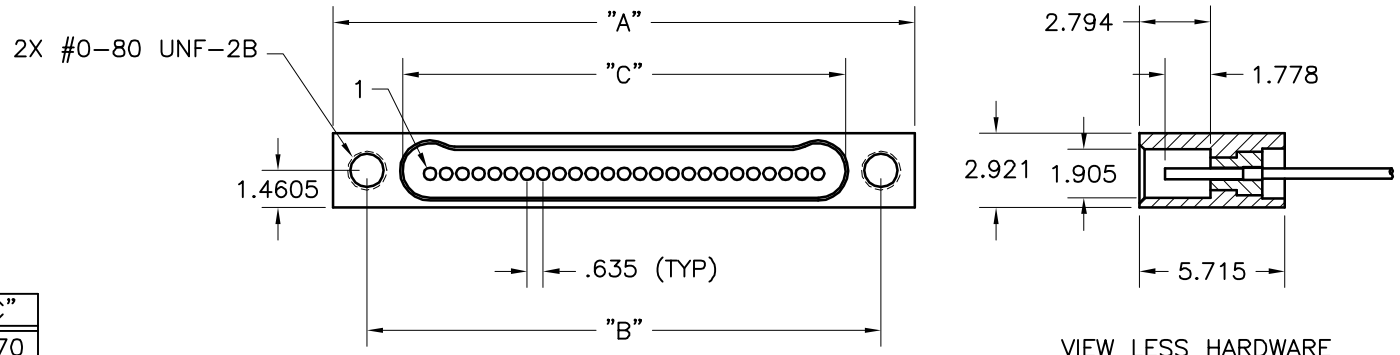
CONTACT RESISTANCE 25 MILLIOHM MAX

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



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

METRIC



VIEW LESS HARDWARE

PART NO.	CONTACTS	"A"	"B"	"C"
A55000–005	5	10.16	7.49	4.70
A55000–009	9	12.70	10.03	7.24
A55000–015	15	16.51	13.84	11.05
A55000–021	21	20.32	17.65	14.86
A55000–025	25	22.86	20.19	17.40
A55000–031	31	26.67	24.00	21.21
A55000–037	37	30.48	27.81	25.02
A55000–051	51	39.37	36.70	33.91

(SHOWN)

MBSS

–TOLERANCES–
UNLESS OTHERWISE NOTED
DIMENSIONS IN INCHES
2 PL DEC ± .01
3 PL DEC ± .005
4 PL DEC ±
ANGLES ±

OMNETICS CONNECTOR CORPORATION

DFTM. TLM DATE 06–19–07
CHK'D. DATE
APP'D. DATE

TITLE:
(XX) SOCKET FEMALE
BI–LOBE CONNECTOR

CAGE CODE 61873
DWG NO. A55000–0XX
SHEET 1 OF 1
REV D
SCALE: 5:1