PART NO.		REV	ECO	DATE	APP
		B	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

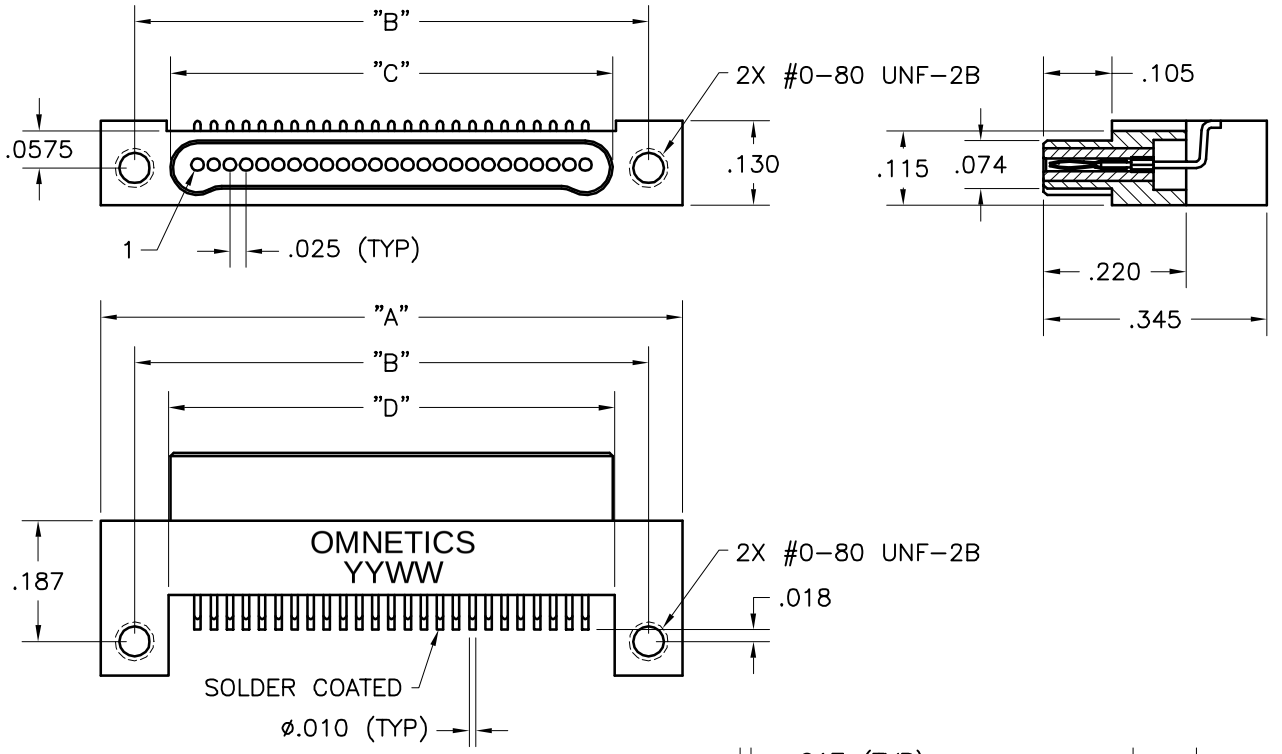
CONTACT: BERYLLIUM COPPER PER ASTM B194, C17200. GOLD PLATED PER ASTM B488, (HARD GOLD) TYPE II CODE C, CLASS 1.27

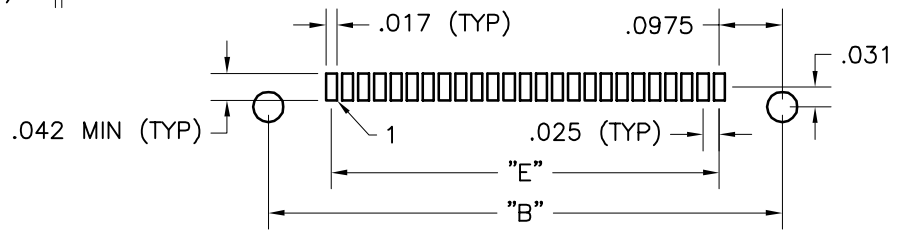
TERMINATION: SOLDER COATED WITH SN63A PER J–STD–006 OR AMS–P–81728

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





SUGGESTED PAD LAYOUT

PART NO.	CONTACTS	"A"	"B"	"C"	"D"	"E"
A54100–005	5	.400	.295	.184	.190	.100
A54100–009	9	.500	.395	.284	.290	.200
A54100–015	15	.650	.545	.434	.440	.350
A54100–021	21	.800	.695	.584	.590	.500
A54100–025	25	.900	.795	.684	.690	.600
A54100–031	31	1.050	.945	.834	.840	.750
A54100–037	37	1.200	1.095	.984	.990	.900
A54100–051	51	1.550	1.445	1.334	1.340	1.250

(SHOWN)

MBPS

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

OMNETICS CONNECTOR CORPORATION

DFTM. TEP — DATE 02–21–07
CHK'D. — DATE
APP'D. — DATE

TITLE:
(15) PIN MALE
BI–LOBE CONNECTOR

CAGE CODE 61873
DWG NO. A54100–0XX
SHEET 1 OF 1
SCALE: 5:1
REV B