

MATERIALS & SPECIFICATIONS

PART NO.	A29100-031	REV	ECO	DATE	APP
		J	96465	01-30-10	TLM

HOUSING:

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

INSULATOR:

LIQUID CRYSTAL POLYMER (LCP)
PER ASTM D5138

CONTACTS:

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

TERMINATIONS:

SOLDER COATED WITH SN63A
PER J-STD-006

CURRENT RATING:

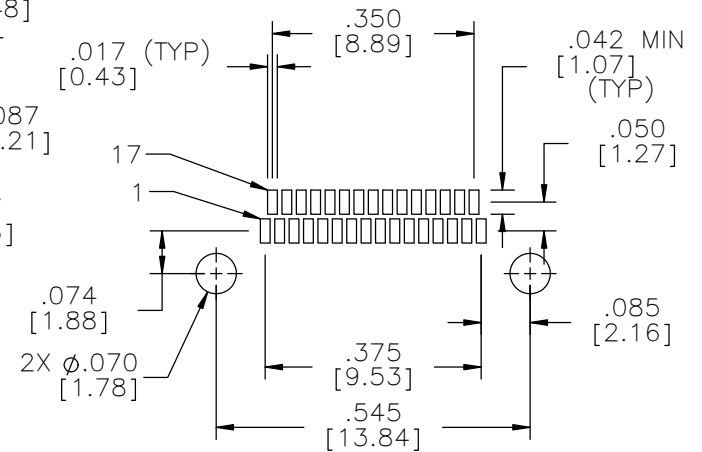
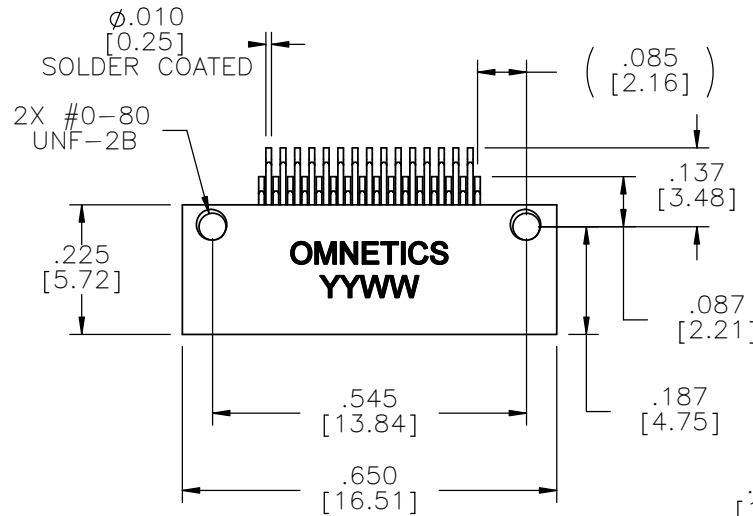
1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE:

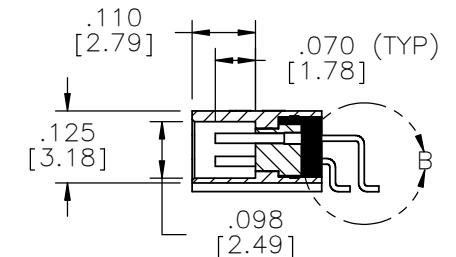
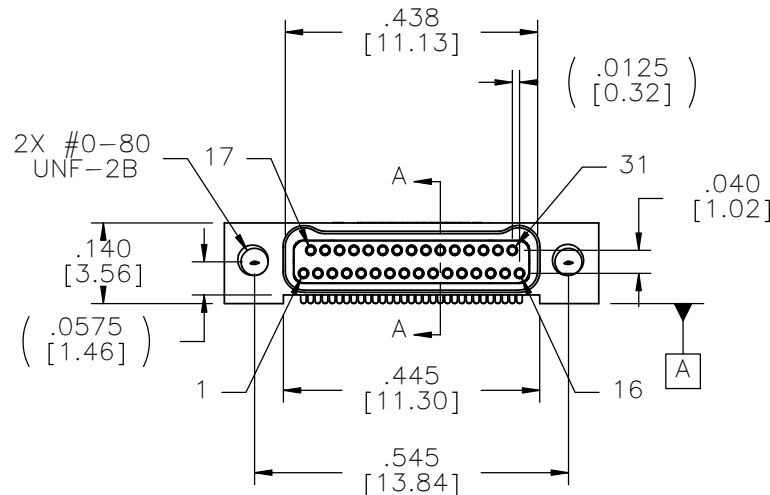
71 MILLIOHM MAX (71mV DROP
MAX) @ 1.0 AMPS PER MIL-
DTL-32139

PERFORMANCE:

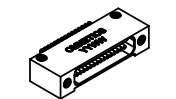
PRODUCT FAMILY TESTED TO AND
PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VIII OF
MIL-DTL-32139



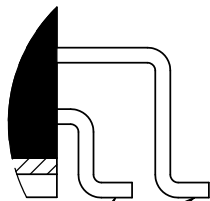
SUGGESTED PAD LAYOUT



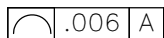
SECTION A-A



ACTUAL SIZE



DETAIL B
SCALE 8 : 1



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	-TOLERANCES-					DWG NO.		
	UNLESS OTHERWISE NOTED		DATE 05-10-04			TITLE: (31) SOCKET FEMALE Bi-Lobe® CONNECTOR	A29100-031	
	DIMENSIONS IN INCHES		DFTM. AAS				SHEET 1 OF 1	
	2 PL DEC±.01		DATE				REV	
SLDW	3 PL DEC±.005		CHK'D.		-	J		
	4 PL DEC±.0005		DATE			SCALE: 3:1		
	ANGLES ± 1°		APP'D.					