

MATERIALS & SPECIFICATIONS

PART NO.	A28500-021	REV	ECO	DATE	APP
		J	109938	05-09-23	BAS

HOUSING:

ALUMINUM 6061, NICKEL PLATED
(500 MICROINCHES MINIMUM) PER
SAE-AMS-2404

INSULATOR:

LIQUID CRYSTAL POLYMER (LCP) (.0575)
PER ASTM D5138 [1.461]

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

HARDWARE:

303 STAINLESS STEEL PER
ASTM A582

CURRENT RATING:

1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE:

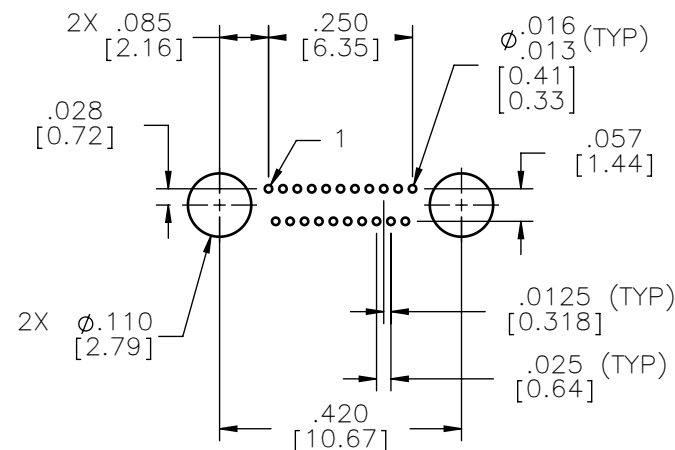
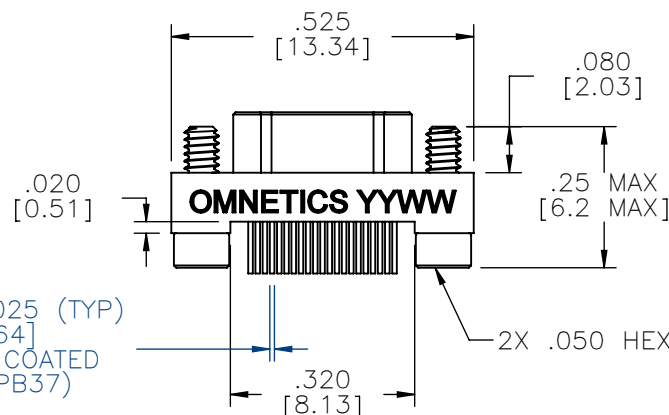
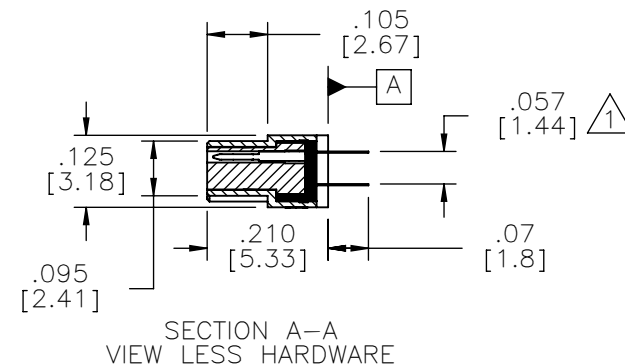
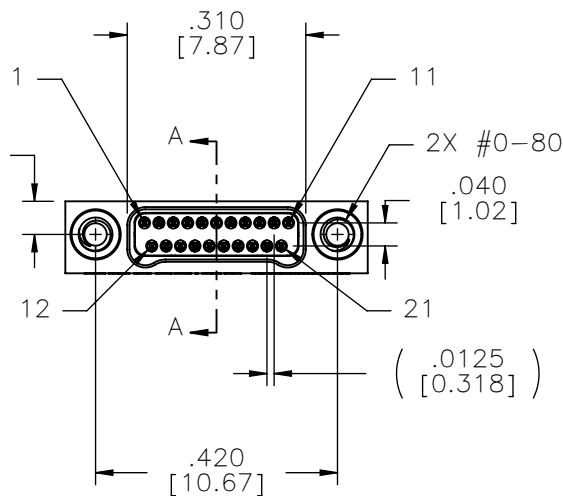
71 MILLIOHM MAX (71mV DROP
MAX) @ 1.0 AMPS PER MIL-
DTL-32139

PERFORMANCE:

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



ACTUAL SIZE



NOTES:

- 1 TAIL DIMENSIONS APPLY AT PLANE A
2. DIMENSIONS IN [] ARE IN MILLIMETERS UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY.

MINPO	THIRD ANGLE	
	-TOLERANCES-	
SLDW	UNLESS OTHERWISE NOTED	
	DIMENSIONS IN INCHES	
	2 PL DEC±	.01
	3 PL DEC±	.005
	4 PL DEC±	.0005
	ANGLES ±	1°

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TITLE:	
DFTM. AAS	(21) PIN MALE
DATE	BI-LOBE® CONNECTOR
05-05-04	-

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DWG NO.	CAGE CODE	61873
A28500-021		
SHEET	SCALE:	REV
1 OF 1	3:1	J