

# 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:

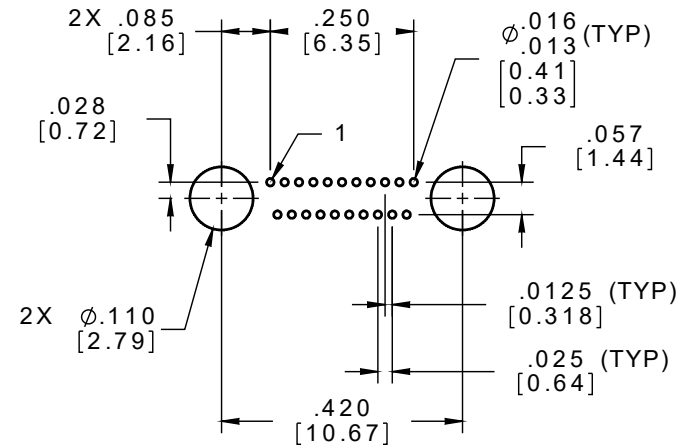
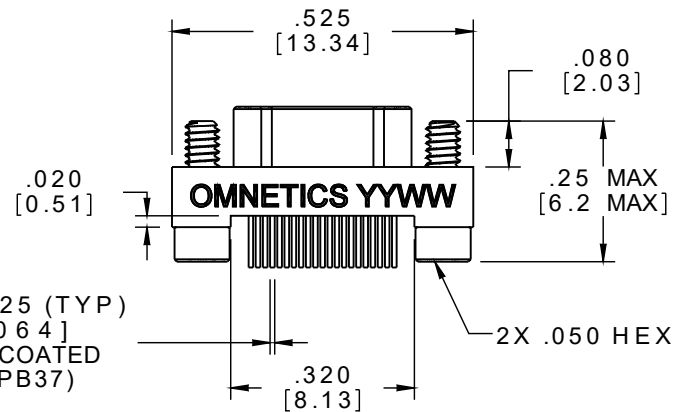
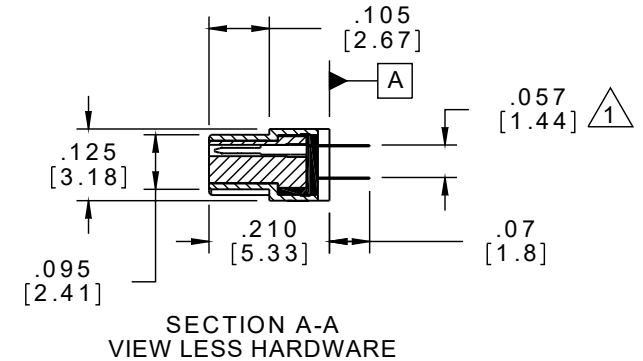
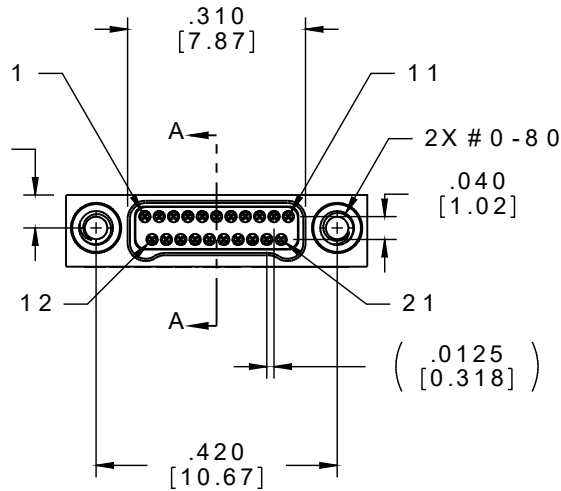
1 AMP MAX PER MIL-DTL-32139

## 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.

MNP PO SIDW	THIRD ANGLE
	-TOLERANCES-
	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
2 PL DEC ± .01	TITLE: (21) PIN MALE BI-LOBE® CONNECTOR
3 PL DEC ± .005	
4 PL DEC ± .0005	
ANGLES ± 1°	DFTM. AAS
	DATE
	05-05-04

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

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