

MATERIALS & SPECIFICATIONS

PART NO.	A28500-065	REV	ECO	DATE	APP
		J	109938	05-09-23	BAS

HOUSING:  
ALUMINUM 6061, NICKEL PLATED  
(500 MICRINCHES MINIMUM) PER  
SAE-AMS-2404

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

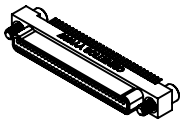
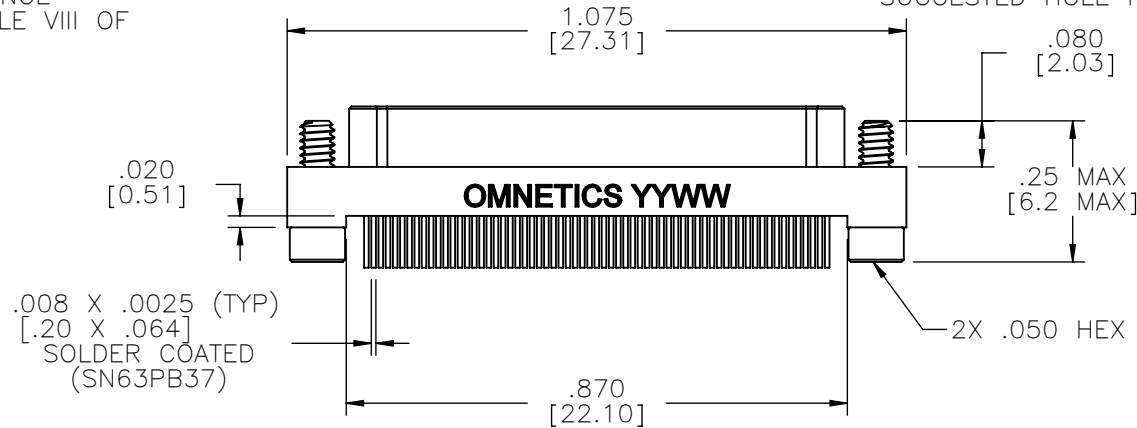
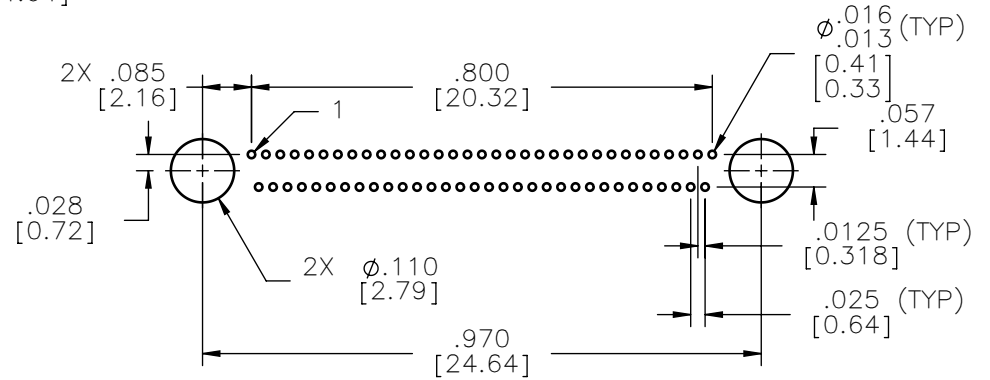
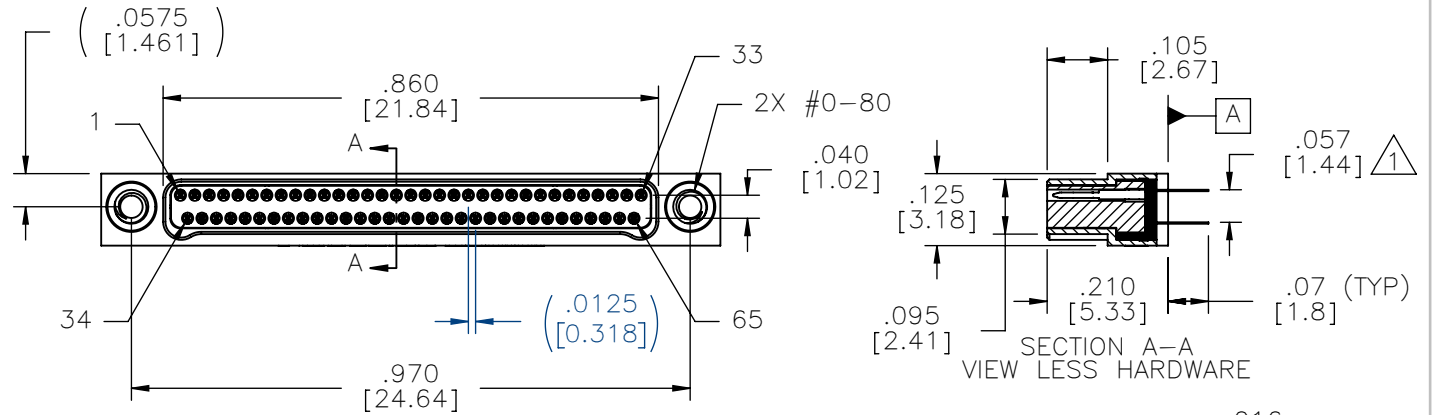
TERMINATION:  
SOLDER COATED WITH SN63A PER  
J-STD-006 OR AMS-P-81728

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.

M/NP/D	THIRD ANGLE $\phi$ $\triangleleft$
	-TOLERANCES-
S/L/W	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
	2 PL DEC $\pm$ .01
	3 PL DEC $\pm$ .005
	4 PL DEC $\pm$ .0005
	ANGLES $\pm$ 1°

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TITLE:	(65) PIN MALE
DFTM.	AAS
DATE	05-05-04
	BI-LOBE® CONNECTOR

**OMNETICS**  
CONNECTOR CORPORATION  
8840 EVERGREEN BLVD.  
MINNEAPOLIS, MN 55433  
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DWG NO.	CAGE CODE <b>61873</b>
<b>A28500-065</b>	
SHEET 1 OF 1	SCALE: 3:1
	REV J