

MATERIALS & SPECIFICATIONS

HOUSING:

ALUMINUM 6061, NICKEL PLATE
(500 MICROINCHES 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

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

SPECIAL INSTRUCTIONS: NO

PART NO.

A28400-051

REV

ECO

DATE

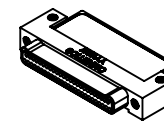
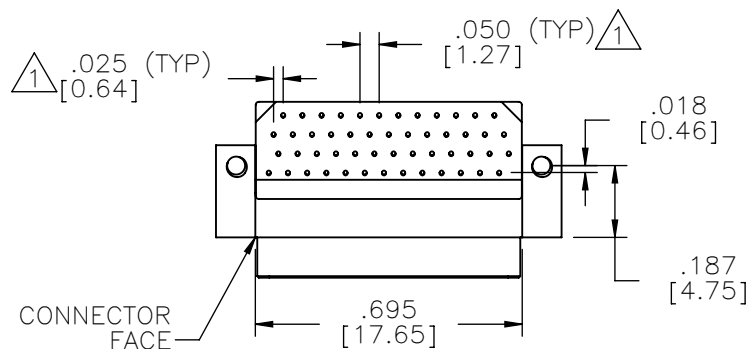
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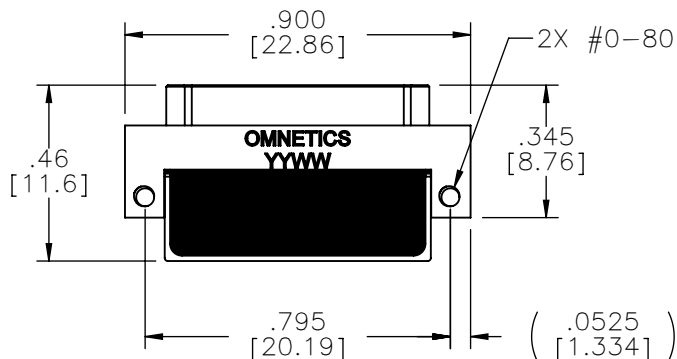
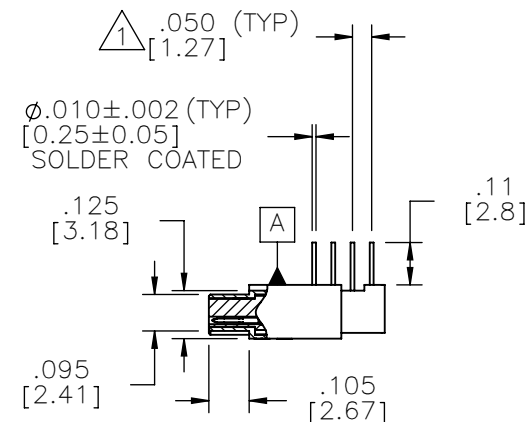
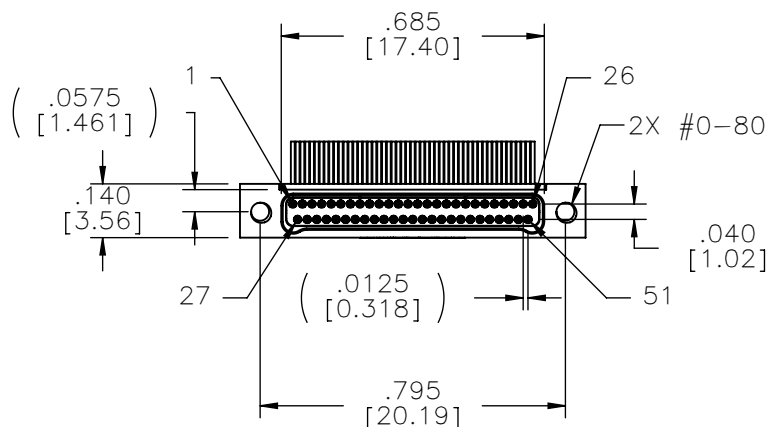
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02-18-25

DWP



ACTUAL SIZE



NOTES:

1 TAIL DIMENSIONS APPLY AT
PLANE A

2. DIMENSIONS IN [] ARE IN
MILLIMETERS UNLESS
OTHERWISE NOTED AND ARE
FOR REFERENCE ONLY

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

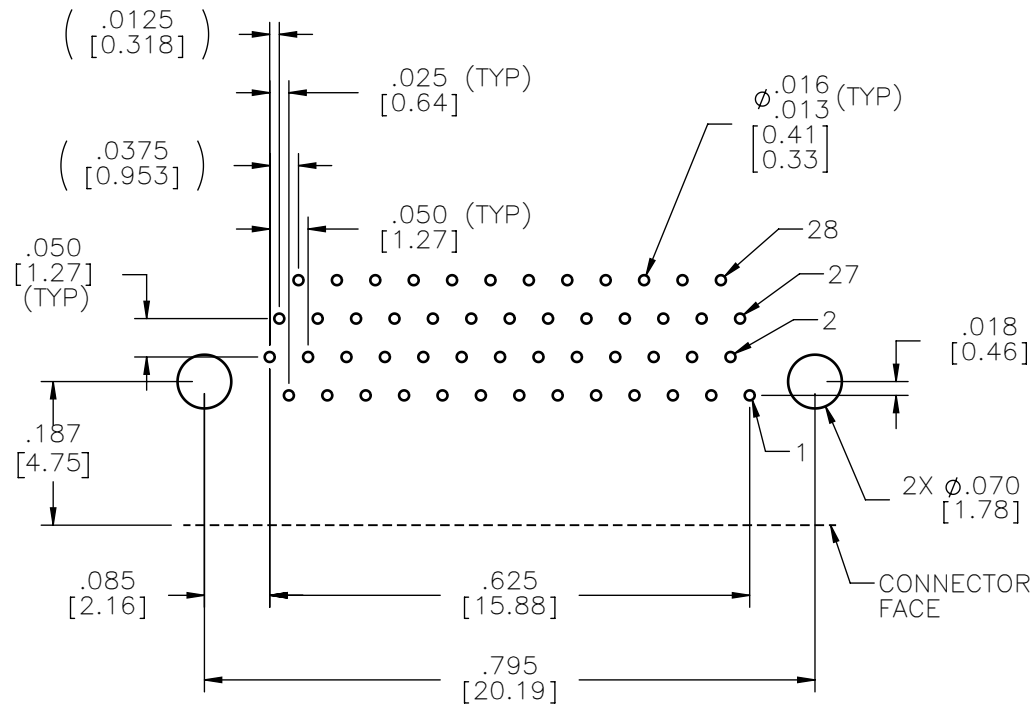
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TITLE:
DFTM. TLM
DATE
05-01-06

(51) PIN MALE
BI-LOBE® CONNECTOR

OMNETICS
CONNECTOR CORPORATION
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MINNEAPOLIS, MN 55433
WWW.OMNETICS.COM

DWG NO.	CAGE CODE	61873
A28400-051		
SHEET 1 OF 2	SCALE: 2:1	REV K



SUGGESTED HOLE PATTERN