

MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 6061-T6, NICKEL PLATE 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

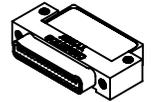
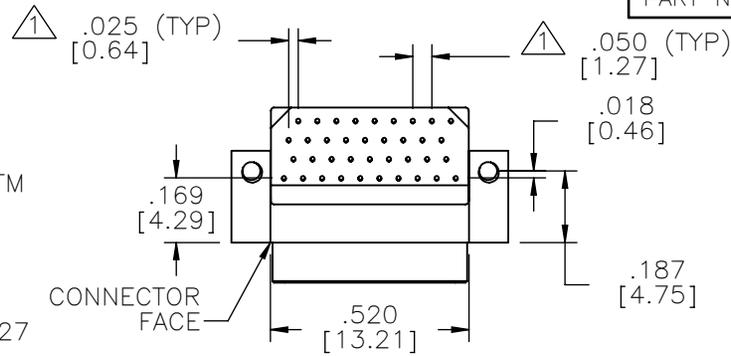
TERMINATION:
SOLDER COATED WITH SN63A PER
J-STD-006 OR AMS-P-81728

CURRENT RATING:
1 AMP MAX PER MIL-DTL-32139

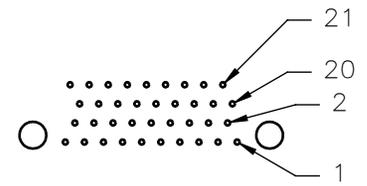
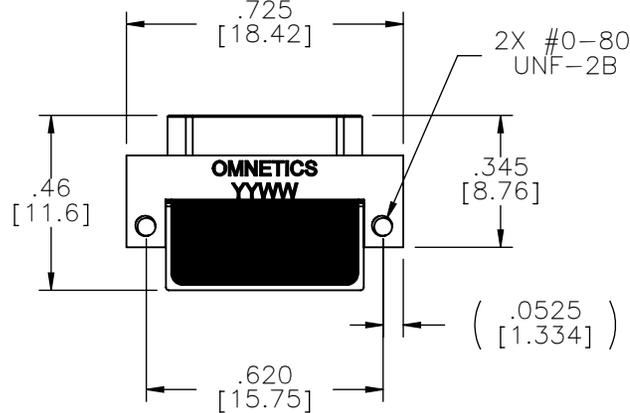
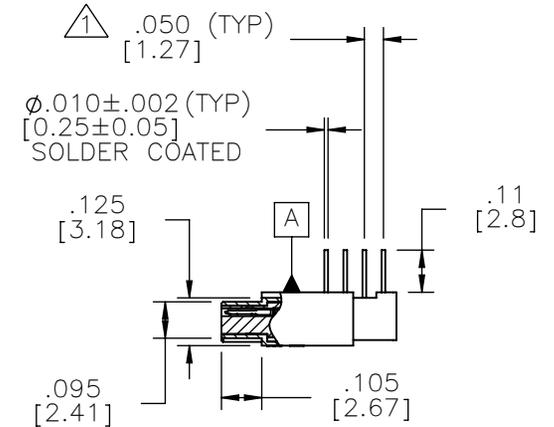
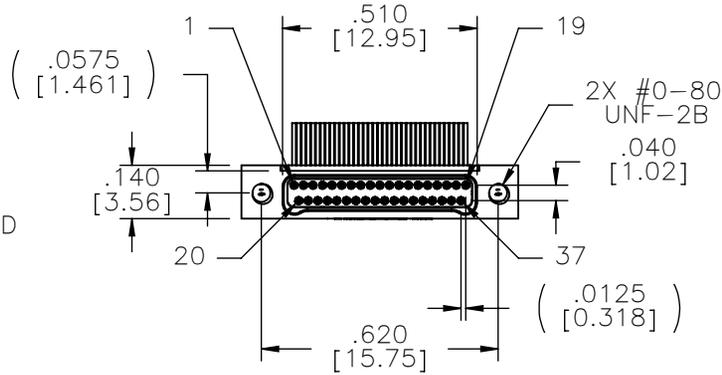
CONTACT RESISTANCE:
71 MILLIOHM MAX (71mV DROP MAX) @
1.0 AMPS PER MIL-DTL-32139

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

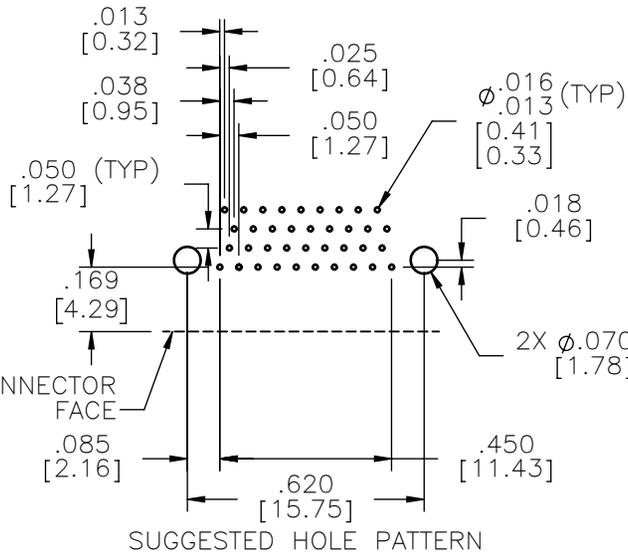
PART NO.	A28400-037	REV	ECO	DATE	APP
		J	102438	03-16-16	TLM



ACTUAL SIZE



SUGGESTED HOLE PATTERN
PIN OUT



SUGGESTED HOLE PATTERN

△ TAIL DIMENSIONS APPLY AT PLANE A

NOTE:
DIMENSIONS IN [] ARE IN
MILLIMETERS UNLESS
OTHERWISE NOTED AND ARE
FOR REFERENCE ONLY

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

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DFTM. TLM	DATE 05-01-06
CHK'D.	DATE
APP'D.	DATE
TITLE: (37) PIN MALE Bi-Lobe® CONNECTOR	

OMNETICS
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7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

CAGE CODE 61873	
DWG NO. A28400-037	
SHEET 1 OF 1	REV J
SCALE: 2:1	