

MATERIALS & SPECIFICATIONS

INSULATORS

THERMOPLASTIC PER ASTM D5138

CONTACT MATERIAL

PINS - BERYLLIUM COPPER PER ASTM B194, ALLOY C17200
 SOCKET - COPPER ALLOY PER MIL-DTL-32139

CONTACT FINISH

GOLD PLATE PER ASTM B488, TYPE II (HARD GOLD), CODE C, CLASS 1.27

TERMINATION FINISH

SOLDER COATED WITH SN63 PER J-STD-006 OR SN60 PER AMS-P-81728

CURRENT RATING

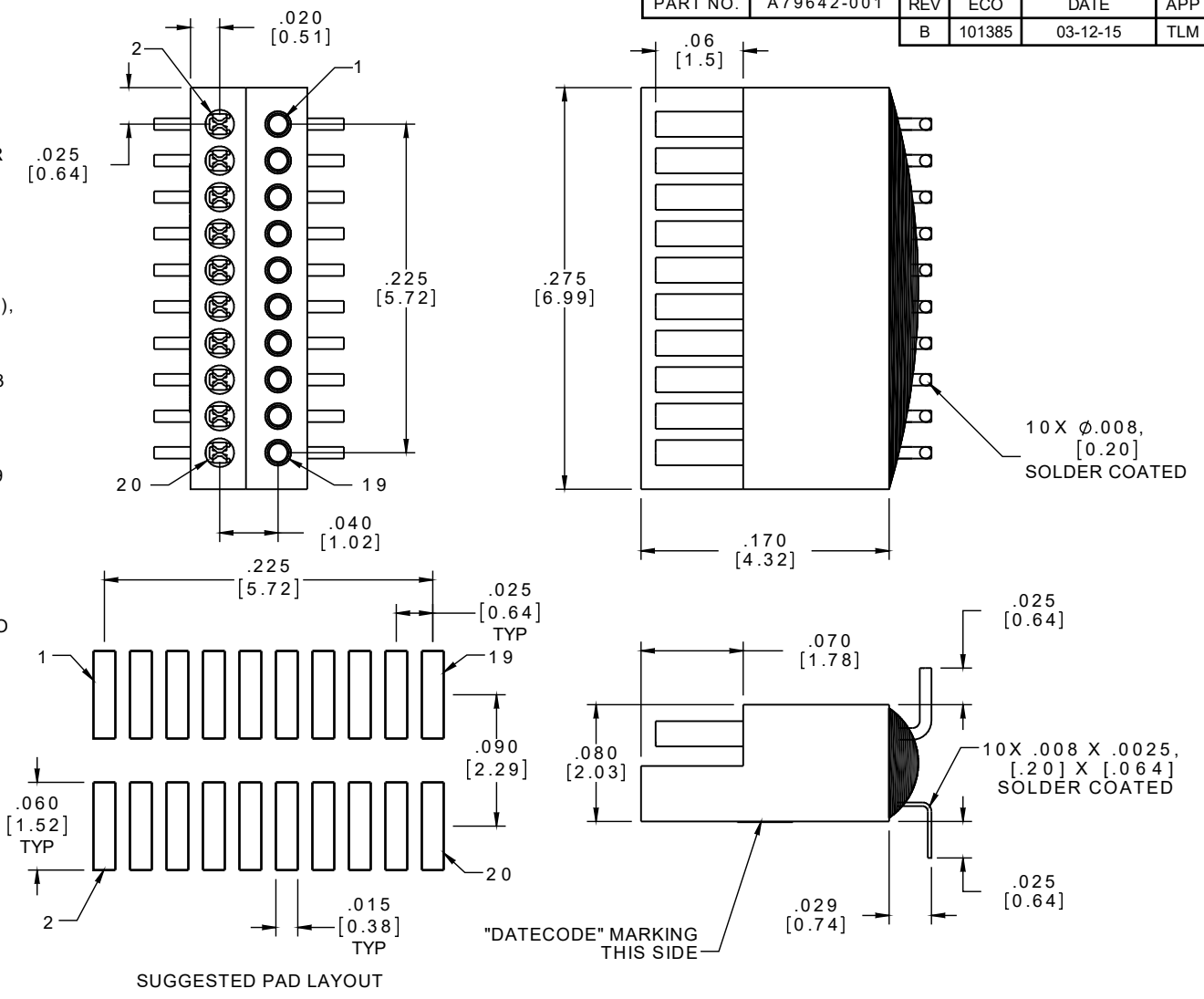
1 AMP PER MIL-DTL-32139

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.	A79642-001	REV	ECO	DATE	APP
		B	101385	03-12-15	TLM

NOTE:

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

P/N	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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DFTM. MJM	DATE
CHK'D.	DATE
APP'D.	DATE

TITLE:
 (20) CONTACT POLARIZED
 MALE/FEMALE
 NANO CONNECTOR

OMNETICS
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 MINNEAPOLIS, MN 55432
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CAGE CODE 61873
DWG NO. A79642-001
SHEET 1 OF 1
SCALE: 10:1
REV B