

# MATERIALS & SPECIFICATIONS

PART NO.	A 79104-001	REV	ECO	DATE	APP
		C	96268	10-22-09	TLM

**INSULATOR MATERIAL:**

THERMOPLASTIC POLYMER PER MIL-DTL-32139

**CONTACT MATERIAL:**

COPPER ALLOY PER MIL-DTL-32139. GOLD PLATED PER ASTM B488, (HARD GOLD) TYPE II CODE C CLASS 1.27

**TERMINATION:**

32 AWG (7-40) TYPE ET, PER NEMA HP3, COLOR CODED PER TABLE

**CURRENT CAPACITY:**

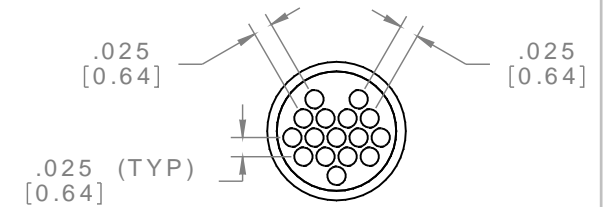
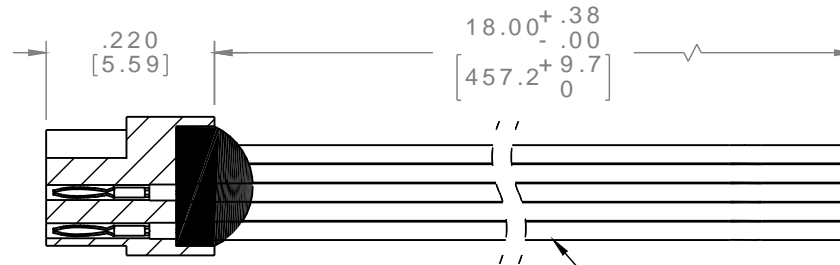
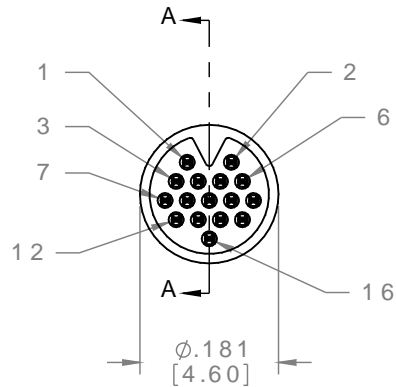
1 AMP MAX PER MIL-DTL-32139

**CONTACT RESISTANCE:**

71 MILLIOHMS (71 mV) MAX @ 1.0 AMPS PER MIL-DTL-32139



ACTUAL SIZE  
EXCLUDING WIRE LENGTH



32 AWG (7-40)  
PTFE, COLOR CODED

PIN #	COLOR
1, 11	BLACK
2, 12	BROWN
3, 13	RED
4, 14	ORANGE
5, 15	YELLOW
6, 16	GREEN
7	BLUE
8	VIOLET
9	GRAY
10	WHITE

**INTERNAL USE ONLY**

USE MFG. LOADING  
PROCEDURE NC-16P

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	-TOLERANCES- UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES	DFTM. TLM	DATE 01-14-09	TITLE:
	2 PL DEC ± .01 3 PL DEC ± .005 4 PL DEC ± .0005 ANGLES ± 1°	CHK'D.	DATE	(16) PIN MALE NANO CIRCULAR CONNECTOR
		APP'D.	DATE	

**OMNETICS**  
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CAGE CODE 61873
DWG NO. A79104-001
SHEET 1 OF 1
SCALE: 4:1
REV C