

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

WIRE:

NEMA HP3 TYPE ET, COLOR CODED IAW
MIL-STD-681, SYSTEM 1, USING TEN
SOLID REPEATING COLORS

HARDWARE:

17-7 STAINLESS STEEL

CURRENT RATING:

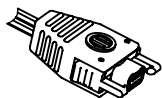
1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE:

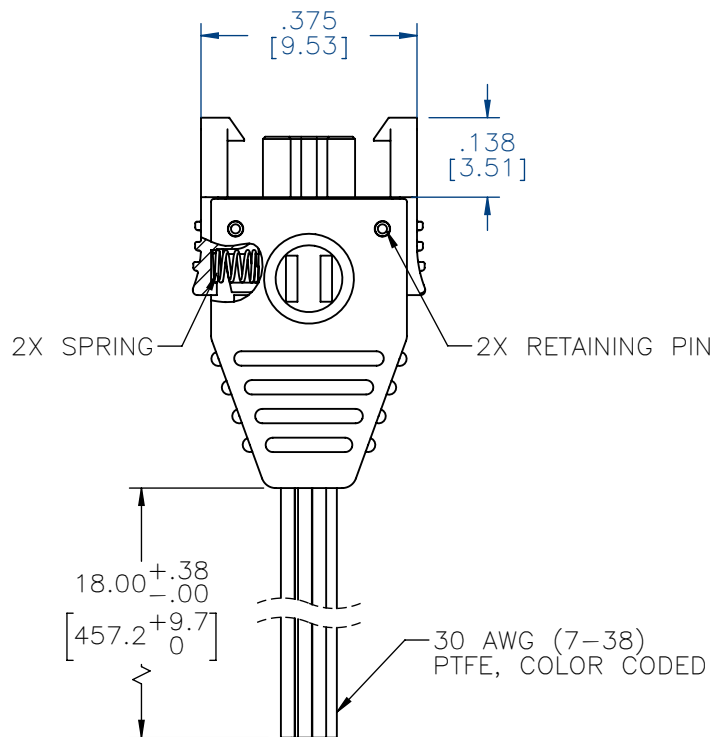
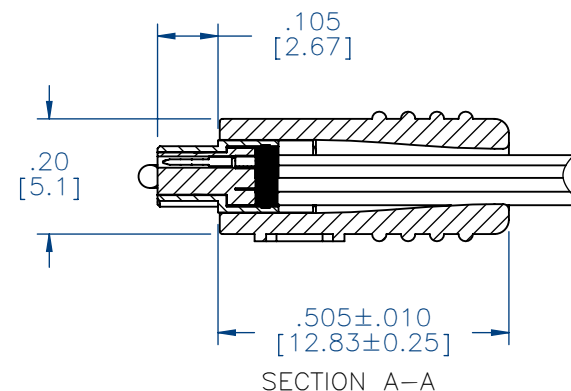
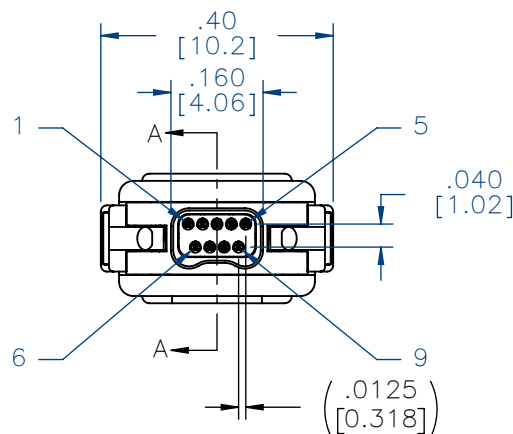
71 MILLIOHM MAX (71mV DROP MAX) @
1.0 AMPS PER MIL-DTL-32139

PERFORMANCE:

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



ACTUAL SIZE
EXCLUDING WIRE LENGTH



PIN #	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE A28000-009

NOTE:

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

MNL	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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DFTM. JPF	DATE	TITLE:	
CHK'D.	01-28-09	(9) PIN MALE	
APP'D.		LATCHING Bi-Lobe®	
		CONNECTOR	

OMNETICS
CONNECTOR CORPORATION
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MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

CAGE CODE 61873	
DWG NO. A28050-009	
SHEET 1 OF 1	REV D
SCALE: 3:1	