

MATERIALS & SPECIFICATIONS

INSULATORS

THERMOPLASTIC PER MIL-M-24519

CONTACT MATERIAL

BERYLLIUM COPPER PER ASTM B194, ALLOY C17200

CONTACT FINISH

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

WIRE - STANDARD

32 AWG, 7 STRAND, TYPE ET PER NEMA HP3

SHELLS

BRASS ALLOY 360

SHELL FINISH

ELECTROLESS NICKEL PER SAE-AMS-2404

CURRENT RATING

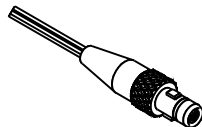
1 AMP PER MIL-DTL-32139

CONTACT RESISTANCE

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

PERFORMANCE

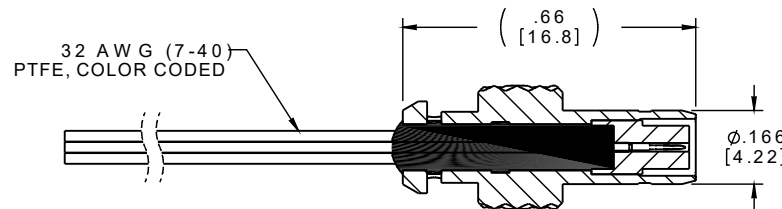
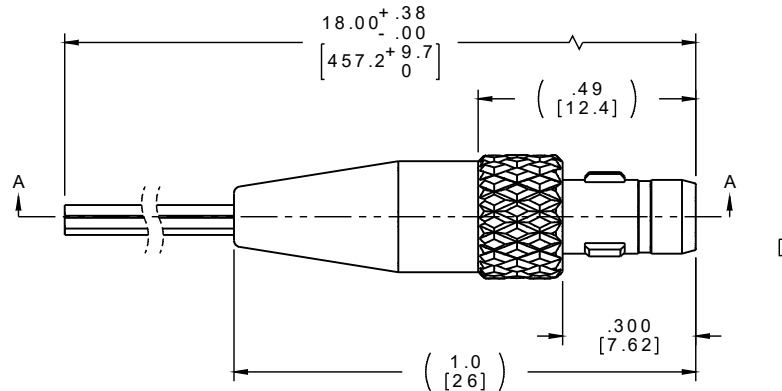
PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE SPECIFICATIONS OF TABLE VIII OF MIL-DTL-32139



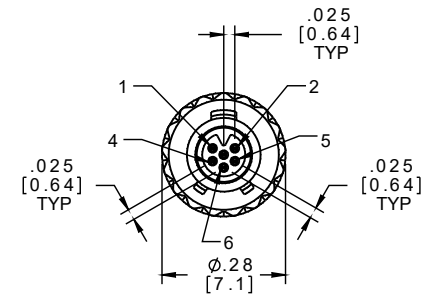
ACTUAL SIZE
EXCLUDING WIRE
LENGTH

NOTES:

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



SECTION A-A
LESS STRAIN RELIEF



PIN #	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE NC-6P

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
CHK'D.	DATE
APP'D.	DATE

11-06-15

TITLE:

(6) PIN MALE
KEYED BREAK AWAY
CONNECTOR

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

CAGE CODE 61873
DWG NO.

A79424-001

SHEET 1 OF 1	REV
SCALE: 3:1	A