

MATERIALS & SPECIFICATIONS

INSULATOR

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

WIRE

32 AWG, 7 STRAND, TYPE ET PER NEMA HP3

CURRENT RATING

1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE

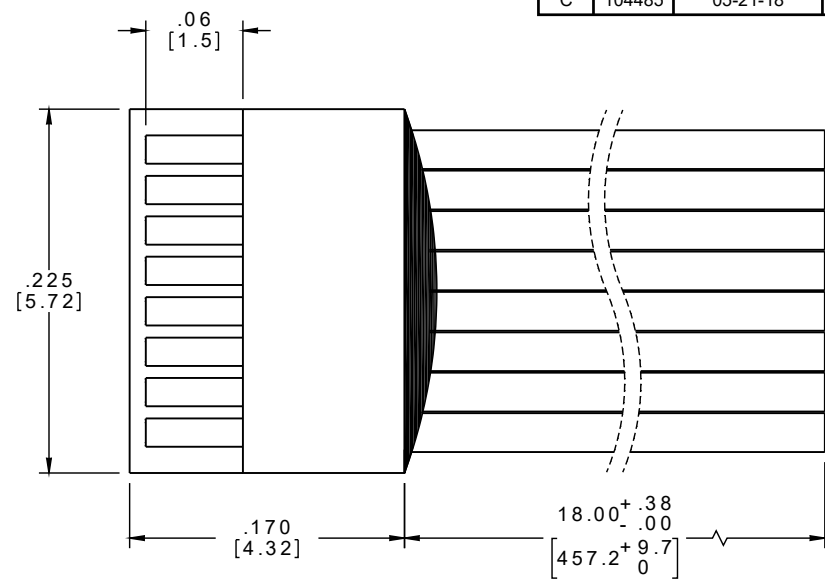
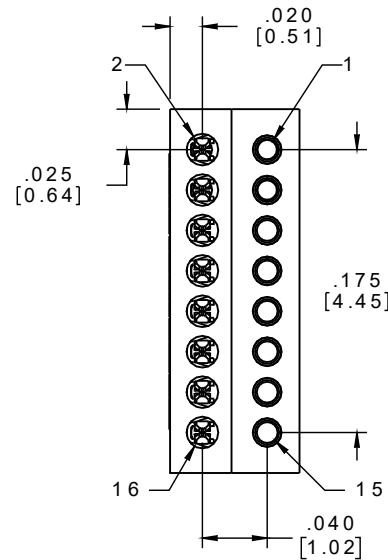
71 MILLIOHM MAX (71mV DROP MAX) @ 1.0 AMPS PER MIL-DTL-32139

PERFORMANCE

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

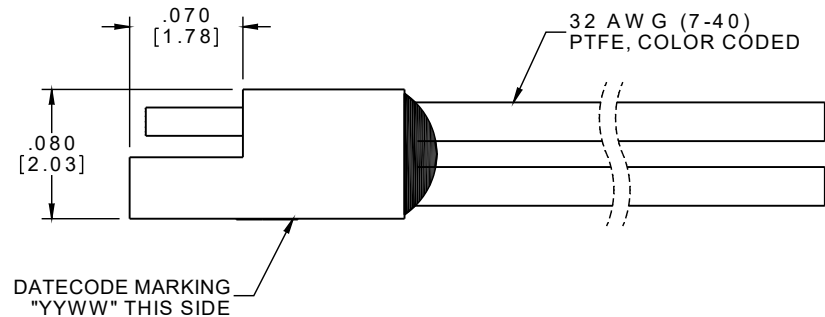


ACTUAL SIZE
EXCLUDING WIRE
LENGTH



CONTACT #	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
SHEET 2 OF 2 IS
MANUFACTURING
LOADING DIAGRAM



RoHS

NOTE:

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

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

THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF OMNETICS CONNECTOR CORP. THIS DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP.	
DFTM. MJM	DATE 04-12-13
CHK'D.	DATE
APP'D.	DATE

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

CAGE CODE 61873
DWG NO. A79630-001
SHEET 1 OF 2
SCALE: 10:1
REV C