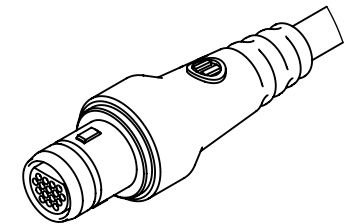
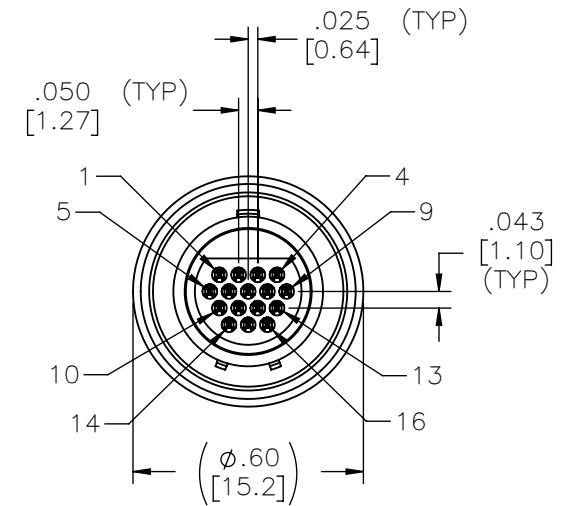
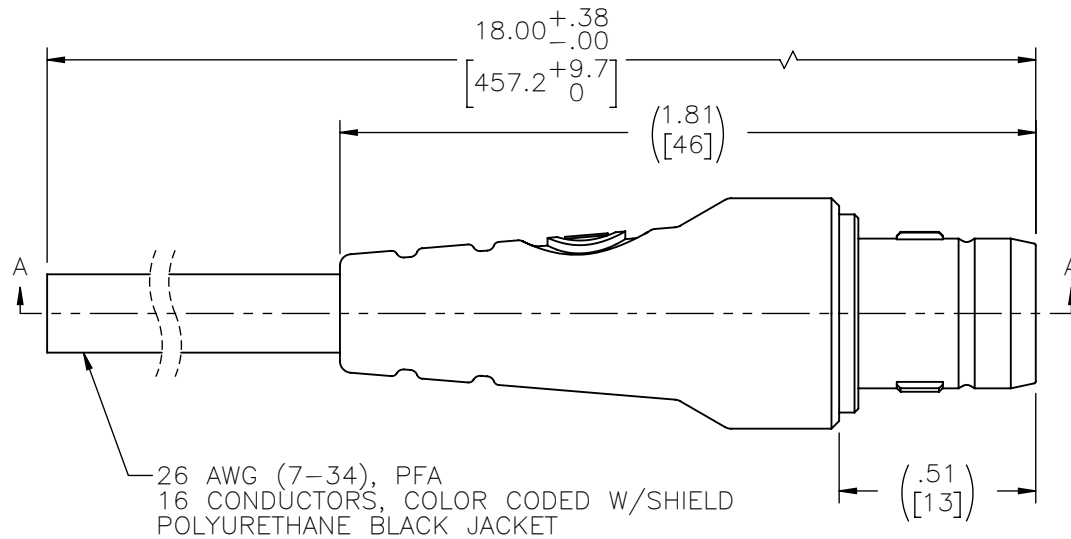


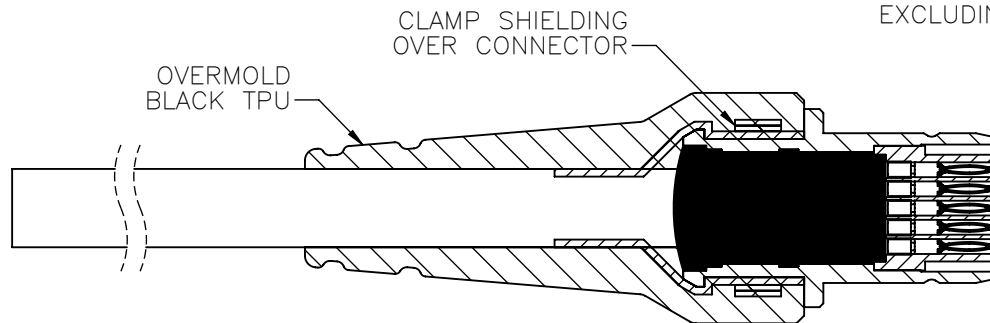
PART NO.	A22472-001	REV	ECO	DATE	APP
		A	102944	10-07-16	TLM



ACTUAL SIZE
EXCLUDING CABLE LENGTH

PIN #	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY
10	WHITE
11	WHT/BLK
12	WHT/BRN
13	WHT/RED
14	WHT/ORG
15	WHT/YEL
16	WHT/GRN

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-16P-1



NOTES:

SECTION A-A

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

OVERMOLD PER IPC-WHMA-A-
620, CLASS 3

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 04-23-15
CHK'D.	DATE
APP'D.	DATE
TITLE: (16) PIN MALE MICRO BREAK AWAY SEALED CIRCULAR CONNECTOR	

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

CAGE CODE 61873	
DWG NO. A22472-001	
SHEET 1 OF 2	REV A
SCALE: 2:1	

IP68

PART NO.	A22472-001	REV	ECO	DATE	APP
		A	102944	10-07-16	TLM

MATERIALS & SPECIFICATIONS

INSULATOR
THERMOPLASTIC PER MIL-M-24519

CONTACT MATERIAL
PINS — BERYLLIUM COPPER PER ASTM B194, ALLOY C17200

CONTACT FINISH
GOLD PLATE PER ASTM B488, TYPE II (HARD GOLD), CODE C, CLASS 1.27 (.000050)

CABLE — SHIELDED
26 AWG, (7-34) TINNED COPPER, PFA COLOR CODED, BLACK POLYURETHANE JACKET

SHELLS
BRASS ALLOY 360

SHELL FINISH
ELECTROLESS NICKEL PER SAE-AMS-2404

OVERMOLD
BLACK THERMOPLASTIC POLYURETHANE

CURRENT RATING
3 AMPS PER MIL-DTL-83513

CONTACT RESISTANCE
26 MILLIOHM MAX (65mV DROP MAX) @ 2.5 AMPS PER MIL-DTL-83513

PERFORMANCE
PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE SPECIFICATIONS OF TABLE VII OF MIL-DTL-83513

SEALING PERFORMANCE
PRODUCT FAMILY TESTED TO AND PASSED IP68 REQUIREMENTS WHEN MATED WITH ANOTHER IP68 RATED CONNECTOR

K B M P S L D W	THIRD ANGLE 	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.				 OMNETICS CONNECTOR CORPORATION 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	CAGE CODE 61873	
	—TOLERANCES— UNLESS OTHERWISE NOTED	DATE 04-23-15					DWG NO. A22472-001	
	DIMENSIONS IN INCHES	DFTM. JPF	DATE	TITLE:	SHEET 2 OF 2		REV A	
	2 PL DEC±.01 3 PL DEC±.005 4 PL DEC±.0005 ANGLES ± 1°	CHK'D.	DATE	(16) PIN MALE MICRO BREAK AWAY SEALED CIRCULAR CONNECTOR				