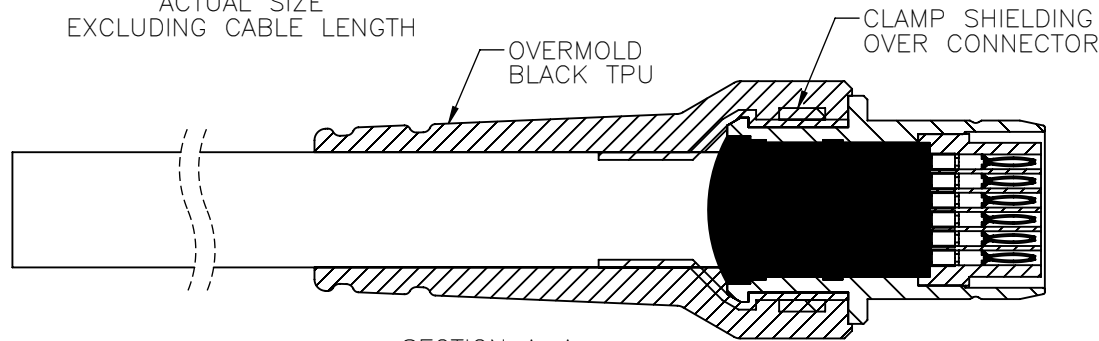
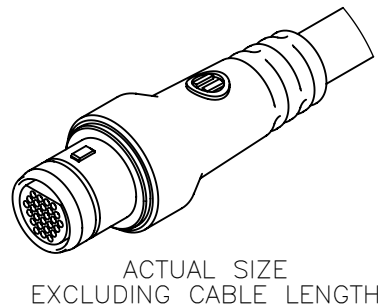
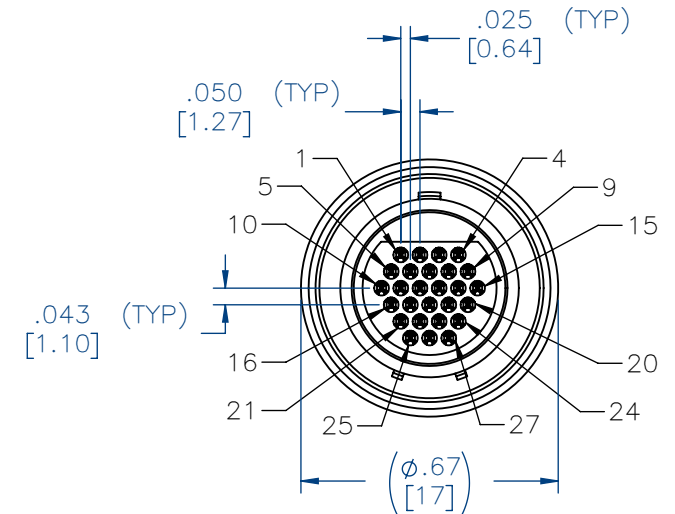
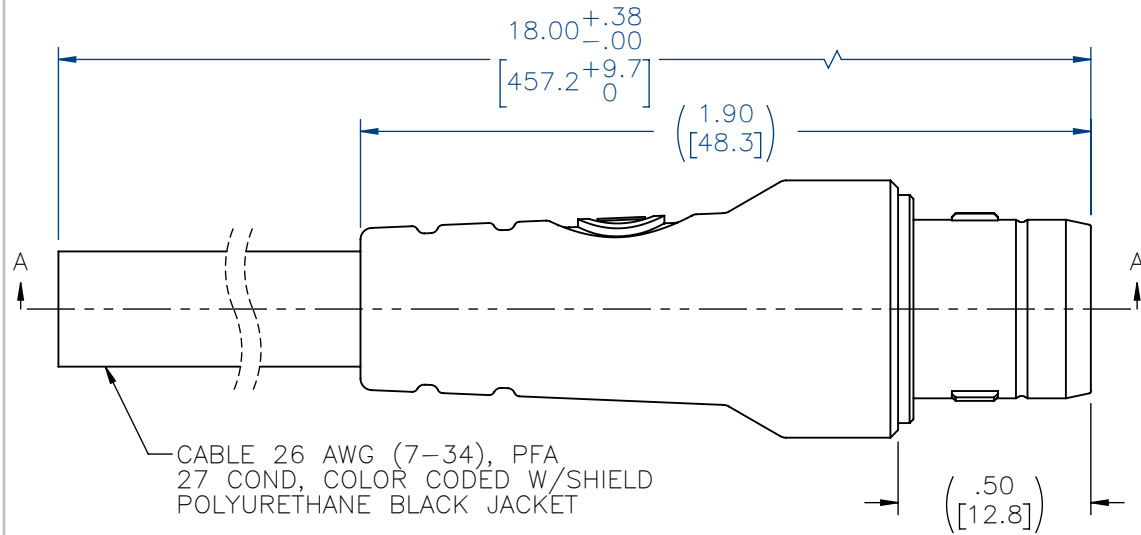


PART NO.	A22479-001	REV	ECO	DATE	APP
		A	102948	10-10-16	TLM



SECTION A-A

PIN #	COLOR	PIN #	COLOR
1	BLACK	15	WHT/YEL
2	BROWN	16	WHT/GRN
3	RED	17	WHT/BLU
4	ORANGE	18	WHT/VIO
5	YELLOW	19	WHT/GRY
6	GREEN	20	WHT/BLK/BRN
7	BLUE	21	WHT/BLK/RED
8	VIOLET	22	WHT/BLK/ORG
9	GRAY	23	WHT/BLK/YEL
10	WHITE	24	WHT/BLK/GRN
11	WHT/BLK	25	WHT/BLK/BLU
12	WHT/BRN	26	WHT/BLK/VIO
13	WHT/RED	27	WHT/BLK/GRY
14	WHT/ORG		

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-27P-1

NOTES:

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 04-24-15
CHK'D.	DATE
APP'D.	DATE

TITLE:
(27) 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. A22479-001
SHEET 1 OF 2	REV A
SCALE: 2:1	

IP68

PART NO.	A22479-001	REV	ECO	DATE	APP
		A	102948	10-10-16	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

KBMP SLDW	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	DFTM. JPF		DATE 04—24—15	TITLE: (27) PIN MALE MICRO BREAK AWAY SEALED CIRCULAR CONNECTOR		DWG NO. A22479—001	
	DIMENSIONS IN INCHES	CHK'D.		DATE			SHEET 2 OF 2	
	2 PL DEC ± .01 3 PL DEC ± .005 4 PL DEC ± .0005 ANGLES ± 1°	APP'D.		DATE			REV A	
						SCALE: 2:1		