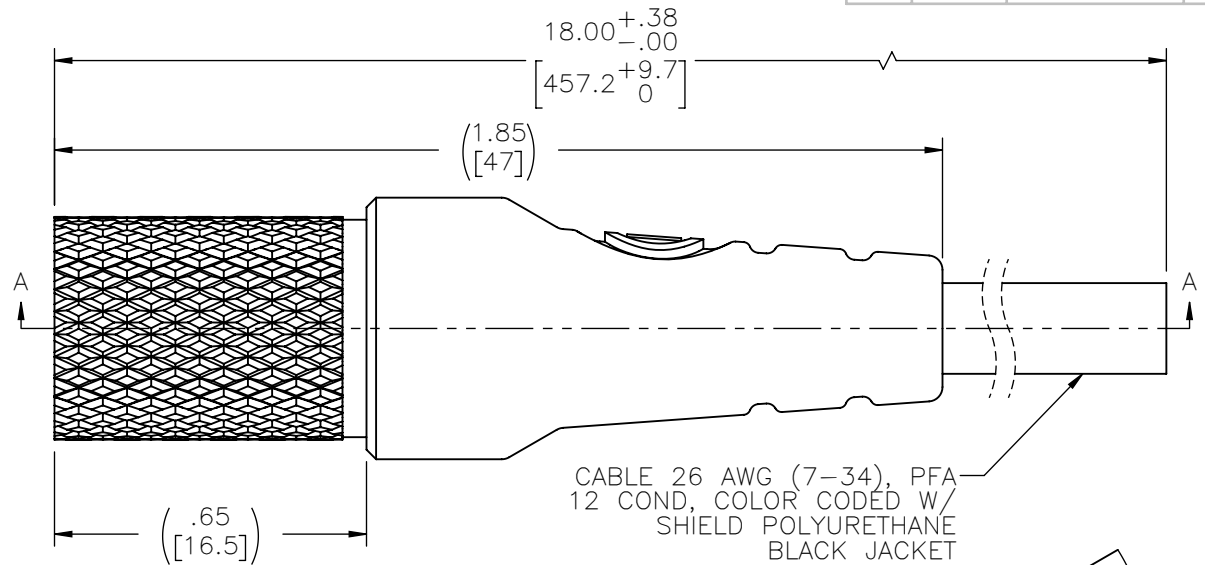
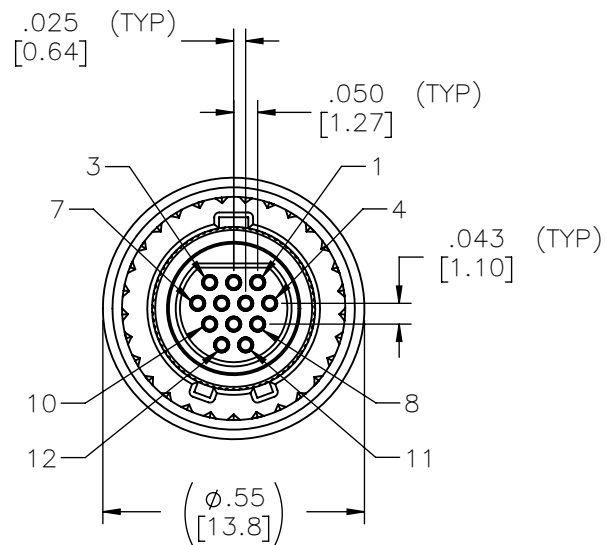
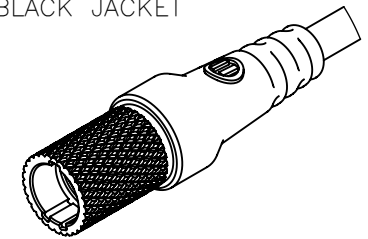


PART NO.	A22462-001	REV	ECO	DATE	APP
		A	102939	10-07-16	TLM



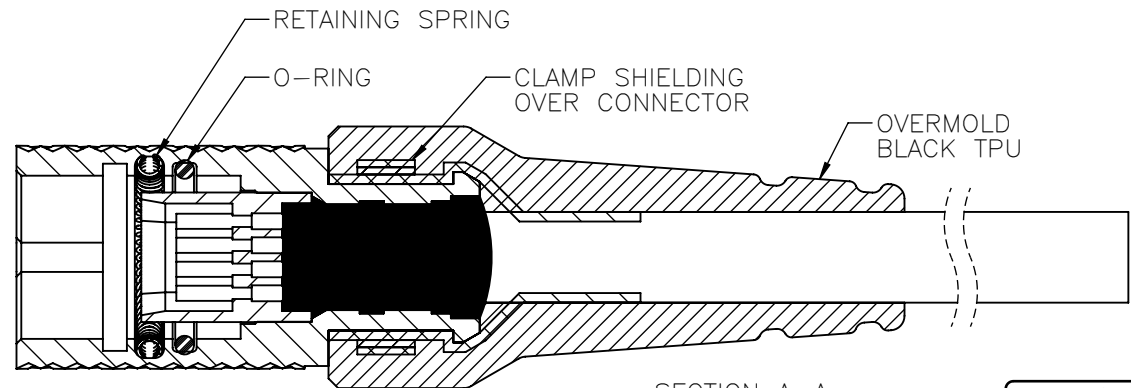
CABLE 26 AWG (7-34), PFA
12 COND. COLOR CODED W/
SHIELD POLYURETHANE
BLACK JACKET



ACTUAL SIZE
EXCLUDING CABLE LENGTH

SOCKET #	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY
10	WHITE
11	WHT/BLACK
12	WHT/BROWN

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-12S



SECTION A-A

IP68

NOTES:

- DIMENSIONS IN [] ARE IN MILLIMETERS UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY
- OVERMOLD PER IPC-WHMA-A-620, CLASS 3

KMSB	THIRD ANGLE	
	-TOLERANCES-	
SLDW	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: (12) SOCKET FEMALE MICRO BREAK AWAY SEALED CIRCULAR CONNECTOR	

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

CAGE CODE 61873	DWG NO. A22462-001
SHEET 1 OF 2	REV A
SCALE: 5:2	

PART NO.	A22462-001	REV	ECO	DATE	APP
		A	102939	10-07-16	TLM

MATERIALS & SPECIFICATIONS

INSULATOR
THERMOPLASTIC PER MIL-M-24519

CONTACT MATERIAL
SOCKET - COPPER ALLOY PER MIL-DTL-83513

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

O-RING
BUNA-N

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 THE IP68 REQUIREMENTS WHEN MATED WITH ANOTHER IP68 RATED CONNECTOR

KMBS <
