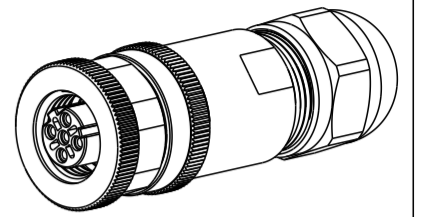
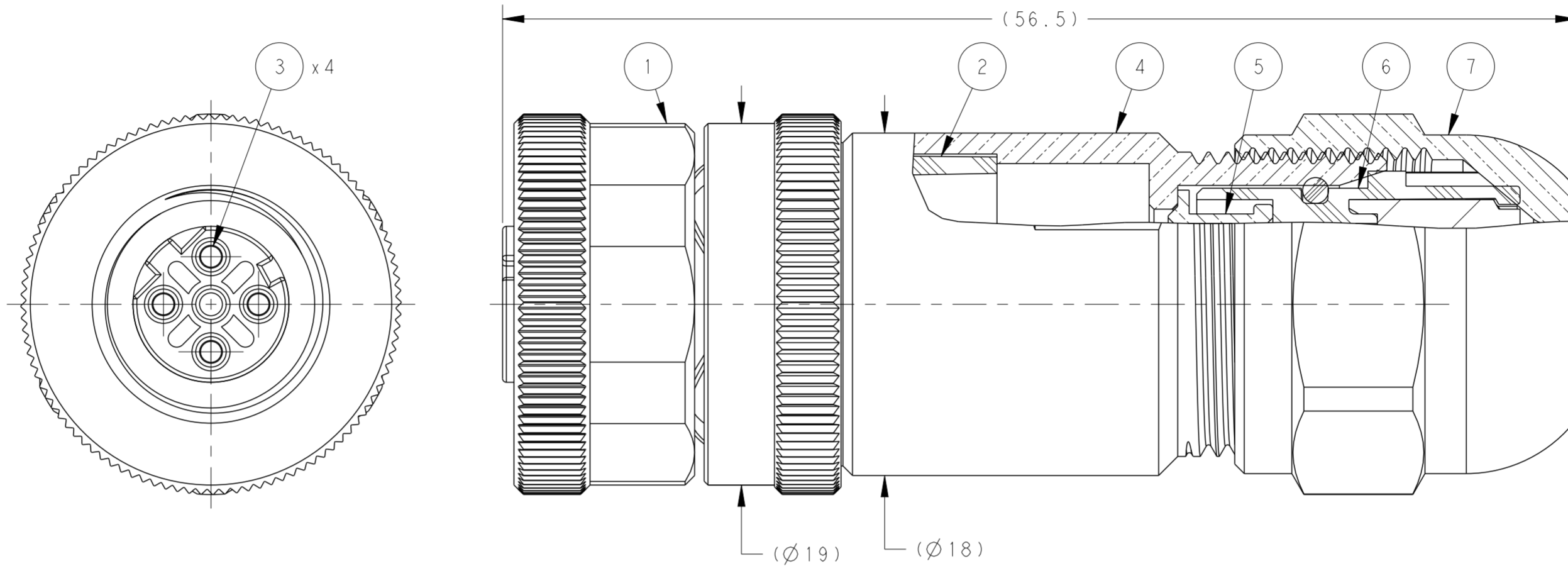


P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECO-21-006862	16JUN2021	NR	MV



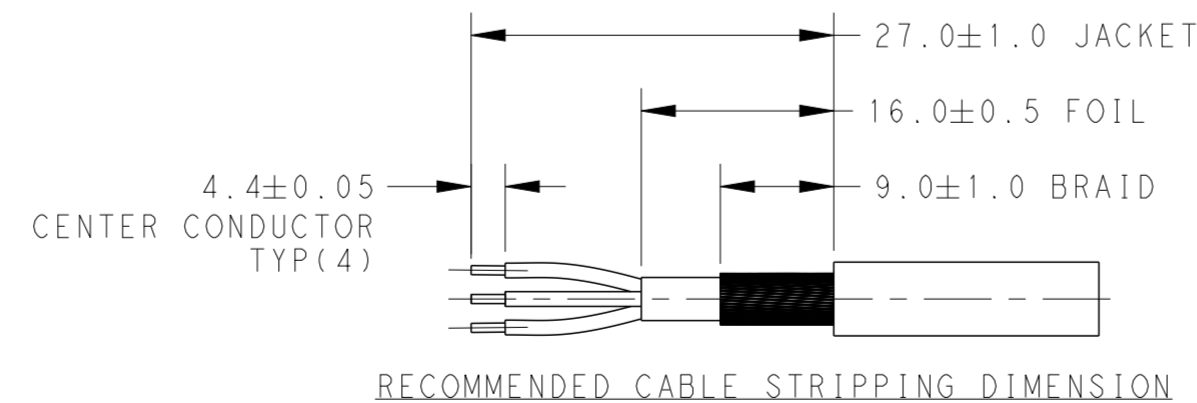
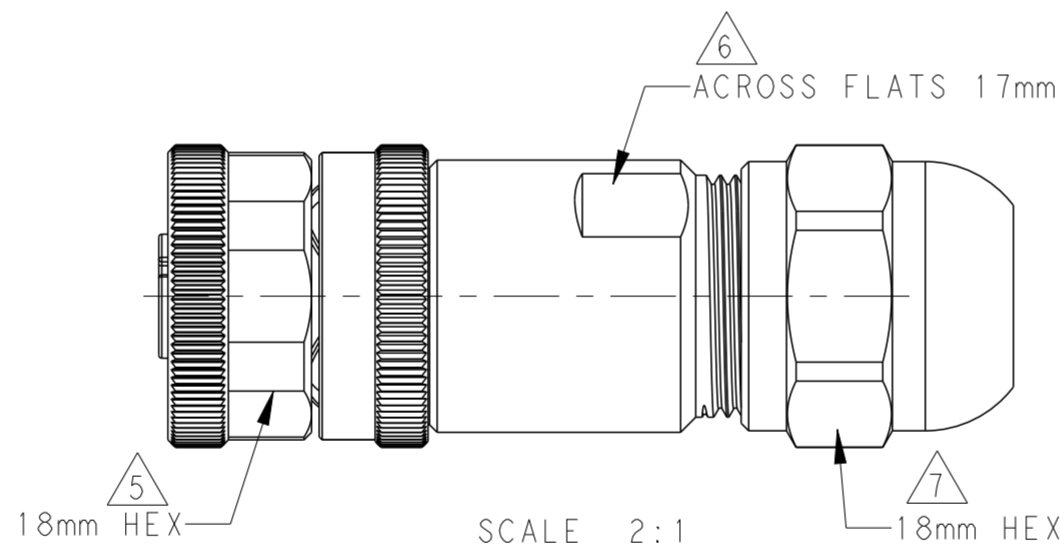
SCALE 1:1



ASSEMBLY PART NUMBER	CONTACT SIZE	SEAL	CABLE FEED
2358990-1	22-26 AWG	PG7	4-6mm
2358990-2	22-26 AWG	PG9	6-8.4mm
2358990-3	18-20 AWG	PG7	4-6mm
2358990-4	18-20 AWG	PG9	6-8.4mm

NOTES;

- ( ): DIMENSIONS FOR INFORMATION  
    : INSPECTION DIMENSIONS.
- FRAMED DIMENSIONS ARE TO BE STRICTLY ADHERED TO.
- TECHNICAL DATA: SEE TABLE
- THE M12 CONNECTOR ASSEMBLY MUST MEET IP67 SEALING REQUIREMENT AT MATED CONDITION.
- TIGHTENING TORQUE FOR MATING MALE CONNECTOR - 0.6NM.
- TIGHTENING TORQUE - 1NM.
- TIGHTENING TORQUE - 1NM.
- PACKAGING: 1 PIECE IN A BAG
- CABLE WIRE SIZE RANGE AWG 18-26.
- THIS CONNECTOR IS COMPLIANT TO FIRE AND SMOKE STANDARD EN45545-2 AND SHOCK & VIBRATION STANDARD EN61373.
- CONTACT CRIMPING TOOL: 601966-1 (M22520/2-01)  
 POSITIONER: 09 99 000 0501  
 SELECTOR NUMBER: 6 (FOR AWG 22-26)  
 7 (FOR AWG 18-20)
- CONTACT PART NUMBER: 2358996-1 (22-26 AWG)  
 2358996-2 (18-20 AWG)
- THE CABLE IMPEDANCE SHOULD BE IN THE RANGE OF 95 - 100 Ω.
- STRICTLY FOLLOW THE RECOMMENDED CABLE STRIPPING DIMENSIONS.



RECOMMENDED CABLE STRIPPING DIMENSION

TECHNICAL DATA	M12 FEMALE, D4 CODE
RATED VOLTAGE	250V
RATED CURRENT	4A
POLLUTION DEGREE	3
OVERVOLTAGE CATEGORY	II
MATERIAL GROUP	II
CONTACT RESISTANCE	≤8mΩ
INSULATION RESISTANCE	>100MΩ
DEGREE OF PROTECTION	IP67
OPERATION TEMPERATURE	-40~85°C

ITEM NO.	DESCRIPTION	QTY	MATERIAL	PLATING
7	PRESS SCREW	1	BRASS	NICKEL
6	PINCH RING SUB ASSEMBLY	1	-	-
5	SHIELDING RING	1	BRASS	NICKEL
4	METAL BODY	1	BRASS	NICKEL
3	FEMALE CONTACT	4	PHOSPHOR BRONZE	GOLD
2	CONTACT POSITIONER	1	POLYAMIDE	BLACK
1	M12 FEMALE, SUB ASSEMBLY	1	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	28OCT2019	RAJAGOPAL N
CHK	28OCT2019	M. BONNIN
APVD	28OCT2019	M. VIMARD

TE Connectivity

M12 FEMALE STRAIGHT SHIELDED CONNECTOR IP 67, D4 CODE, CRIMP TYPE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2358990	

SCALE 5:1 SHEET 1 OF 1 REV A