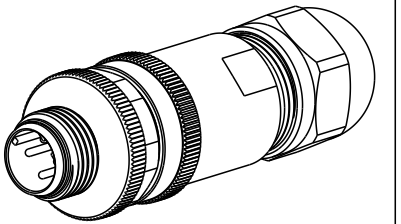
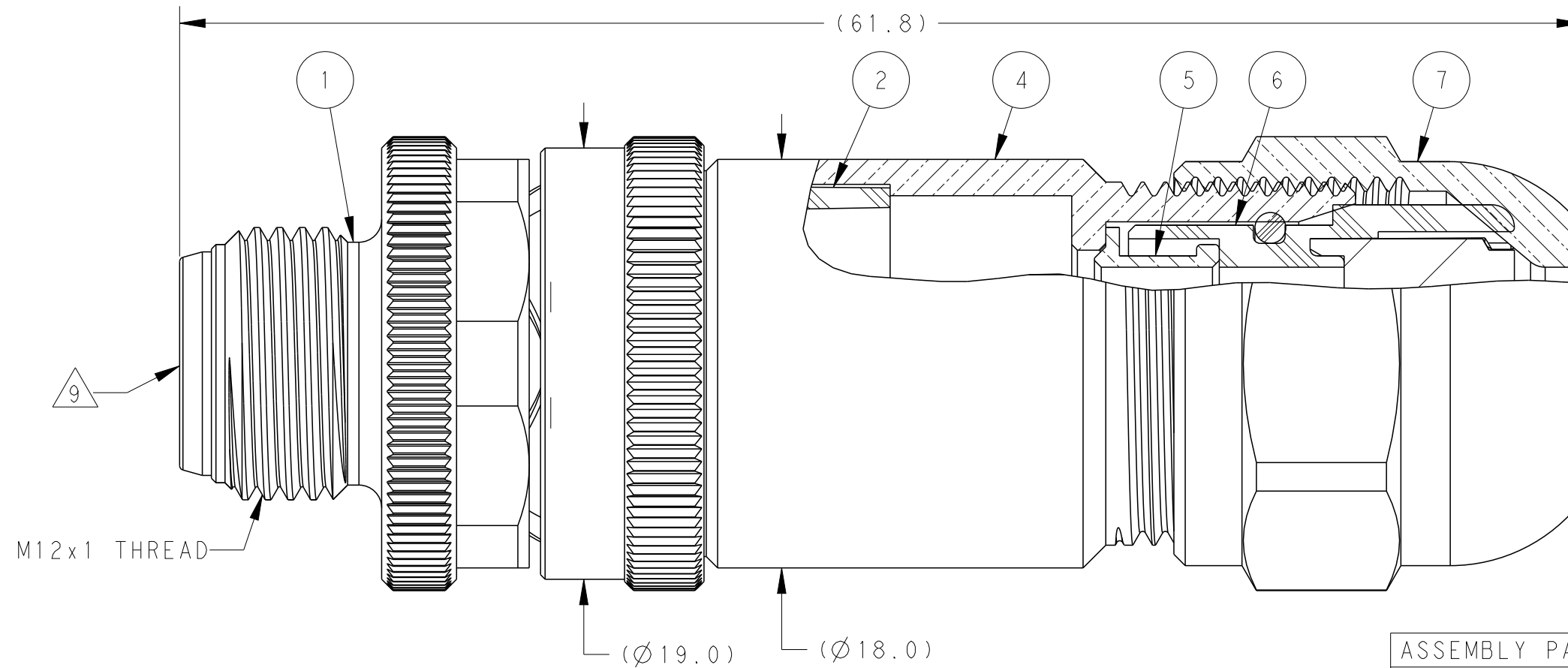
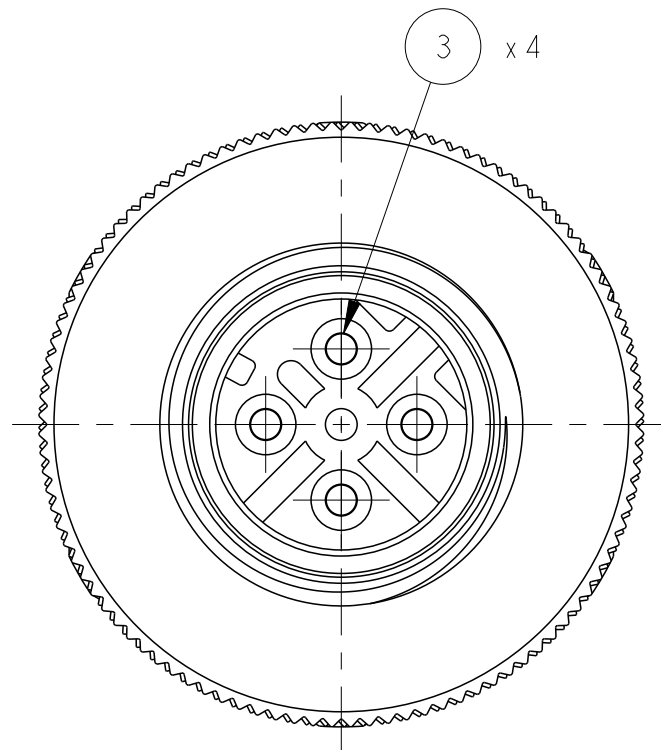


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECO-21-006862	16 JUN 2020	NR	MV



SCALE 1:1



ASSEMBLY PART NUMBER	CONTACT SIZE	SEAL	CABLE FEED
2351378-1	22-26 AWG	PG7	4-6mm
2351378-2	22-26 AWG	PG9	6-8.4mm
2351378-3	18-20 AWG	PG7	4-6mm
2351378-4	18-20 AWG	PG9	6-8.4mm

TECHNICAL DATA	M12 MALE, D4 CODE
RATED VOLTAGE	250V
RATED CURRENT	4A
POLLUTION DEGREE	3
OVERVOLTAGE CATEGORY	II
MATERIAL GROUP	II
CONTACT RESISTANCE	$\leq 8\text{m}\Omega$
INSULATION RESISTANCE	$>100\text{M}\Omega$
DEGREE OF PROTECTION	IP67
OPERATION TEMPERATURE	-40~85°C

NOTES;

1. (): DIMENSIONS FOR INFORMATION
: INSPECTION DIMENSIONS.
2. FRAMED DIMENSIONS ARE TO BE STRICTLY ADHERED TO.
3. TECHNICAL DATA: SEE TABLE
4. THE M12 CONNECTOR ASSEMBLY MUST MEET IP67 SEALING REQUIREMENT AT MATED CONDITION.

5. TIGHTENING TORQUE FOR MATING FEMALE CONNECTOR - 0.6NM.

 TIGHTENING TORQUE - 1NM.

7. TIGHTENING TORQUE - 1NM.

8. PACKAGING: 1 PIECE IN A BAG

9. INTERFACE DIMENSIONS PER IEC 61076-2-101.

10. CABLE WIRE SIZE RANGE AWG 18-26.

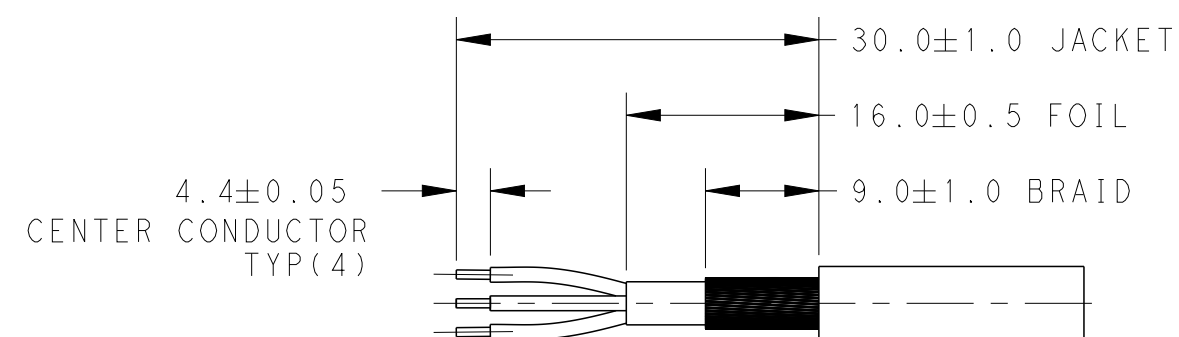
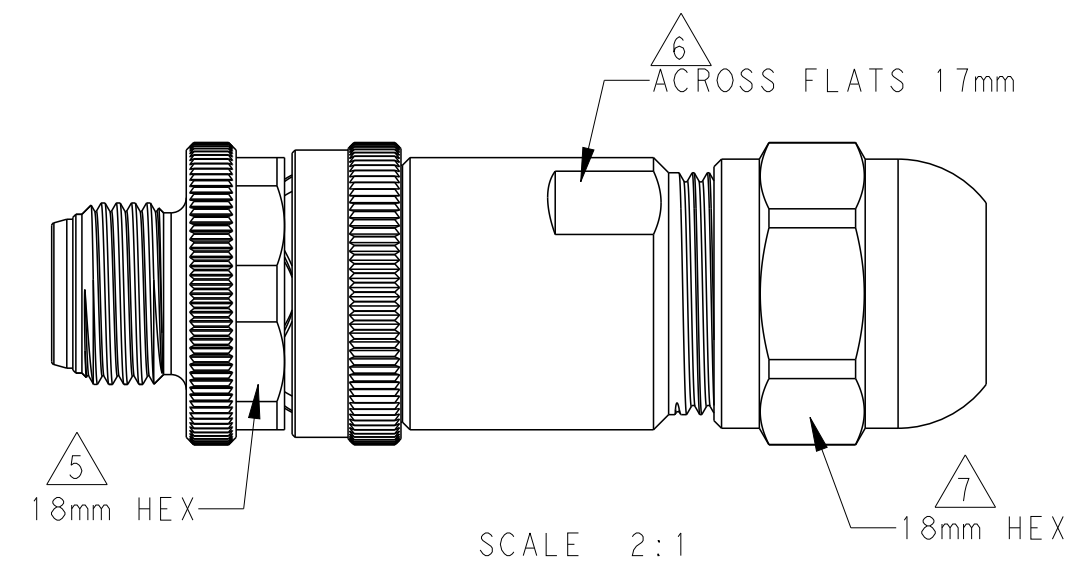
11. THIS CONNECTOR IS COMPLIANT TO FIRE AND SMOKE STANDARD EN45545-2 AND SHOCK & VIBRATION STANDARD EN61373.

12. CONTACT CRIMPING TOOL: 601966-1 (M22520/2-01)
POSITIONER: 2392543-1
SELECTOR NUMBER: 6 (FOR AWG 22-26)
7 (FOR AWG 18-20)

13. CONTACT PART NUMBER: 2351768-1 (22-26 AWG)
2351768-2 (18-20 AWG)

14. THE CABLE IMPEDANCE SHOULD BE IN THE RANGE OF 95 - 100 Ω .

15. STRICTLY FOLLOW THE RECOMMENDED CABLE STRIPPING DIMENSIONS.



RECOMMENDED CABLE STRIPPING DIMENSION

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	MALE CONTACT	4	PHOSPHOR BRONZE	GOLD
2	CONTACT POSITIONER	1	POLYAMIDE	BLACK
1	M12 MALE, SUB ASSEMBLY	1	-	-
ITEM NO.	DESCRIPTION	QTY	MATERIAL	PLATING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 280CT2019 RAJAGOPAL N		TE Connectivity	
DIMENSIONS:		CHR 280CT2019 M. BONNIN			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 280CT2019 M. VIMARD			
mm		NAME			
		M12 MALE STRAIGHT SHIELDED CONNECTOR D4 CODE, CRIMP TYPE, IP 67			
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC 108-157015		SIZE	
MATERIAL		APPLICATION SPEC 114-157020		CAGE CODE	
SEE BOM TABLE		WEIGHT		DRAWING NO	
-		-		A200779	
finish_spec-2		CUSTOMER DRAWING		C-2351378	
				RESTRICTED TO	
				SCALE 5:1	
				SHEET 1 OF 1	
				REV A	