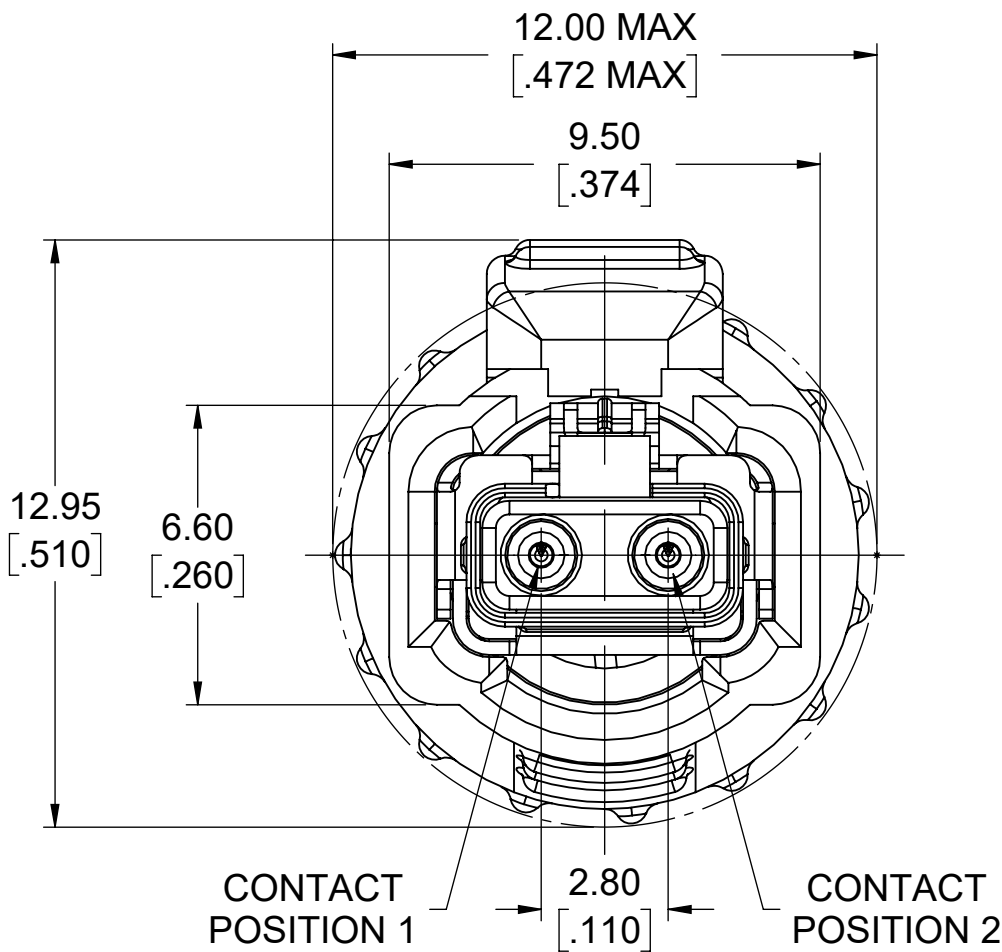
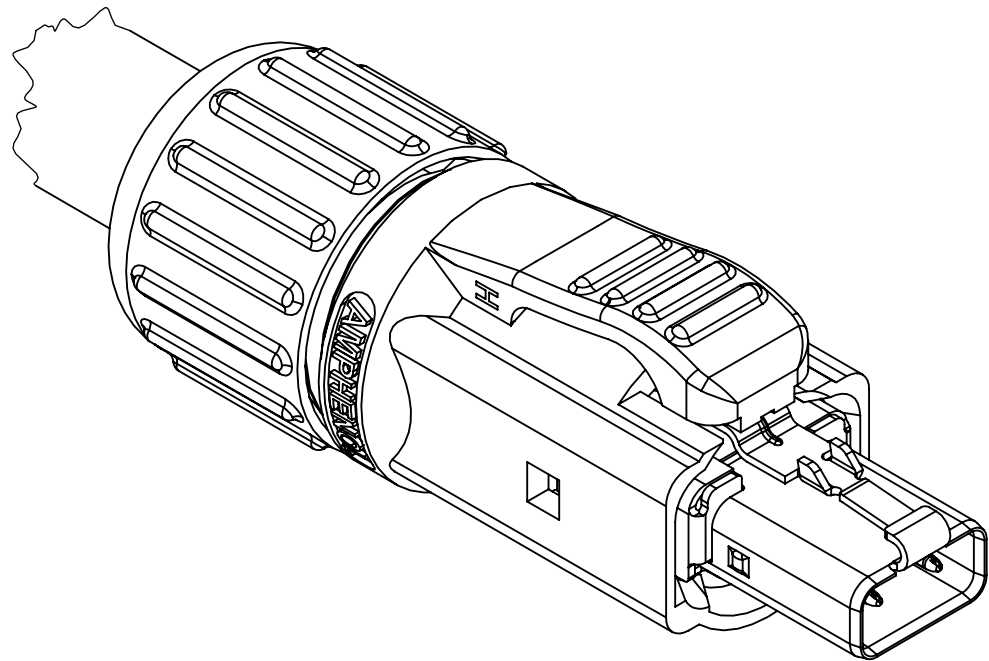


ASSEMBLED PLUG VIEWS
SEE SHEETS 2, 3 & 4 FOR COMPONENTS



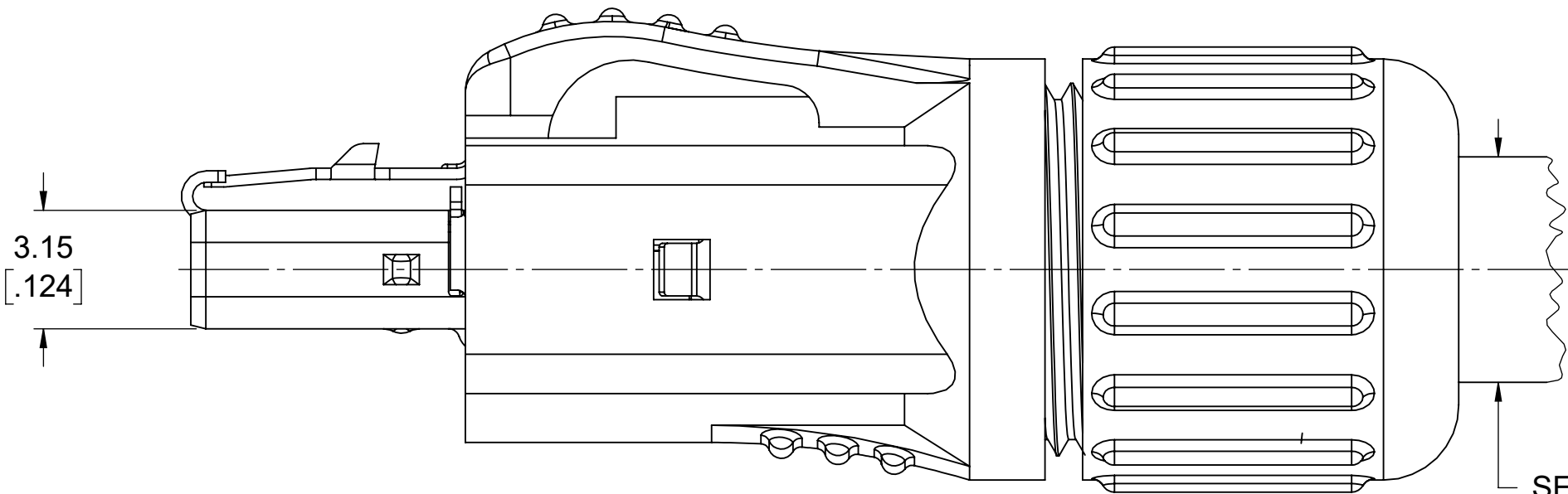
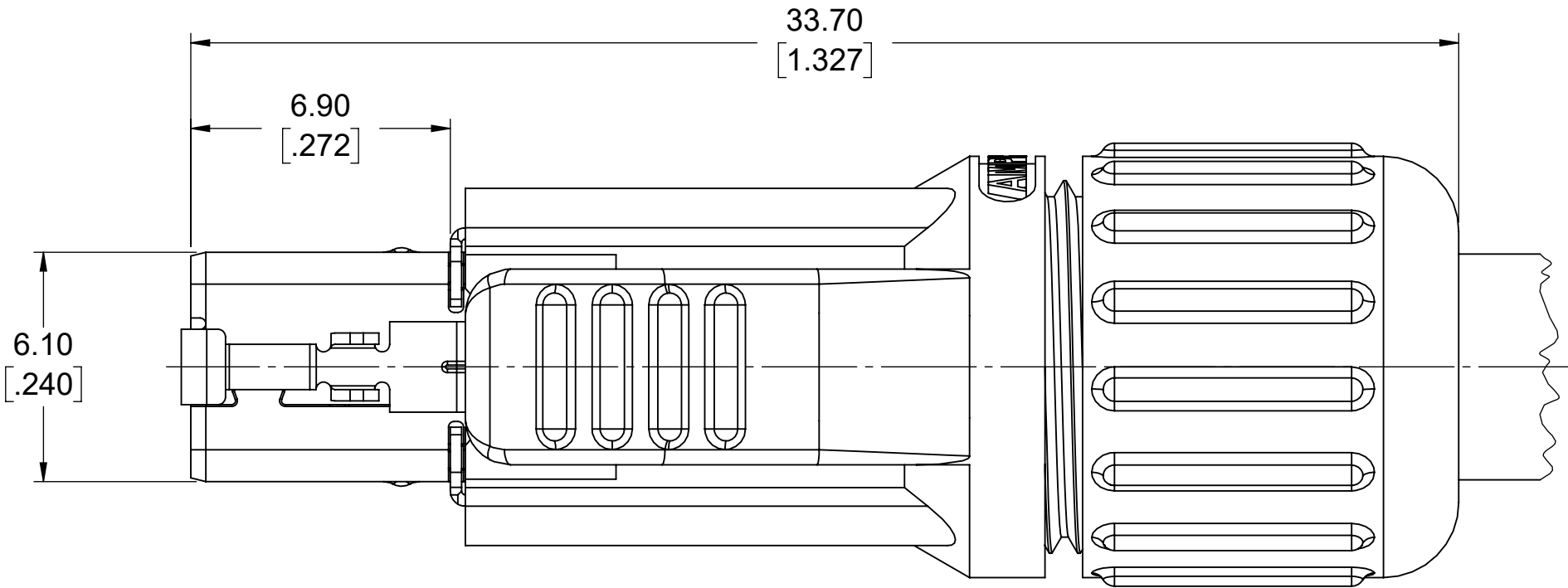
CONTACT POSITION	SIGNAL PER IEC 63171-6
1	BI_DA+
2	BI_DA-

NOTES:

- MATERIALS: ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
 - EMI SHIELD: STAINLESS STEEL, NICKEL PLATED
 - CONTACTS: COPPER ALLOY PLATED WITH NICKEL OVERALL, 0.76µm (30µ") GOLD ON THE MATING AREA & GOLD FLASH ON THE TAILS
 - HOUSING, CAP, & INSERTS: ENGINEERING THERMOPLASTIC, UL94V-0 FLAMMABILITY RATING, COLOUR: BLACK
 - IDC WIRE GUIDE: POLYCARBONATE, UL94V-0 FLAMMABILITY RATING
 - GROMMET: SILICONE RUBBER, COLOUR: BLACK, UL94V-0 FLAMMABILITY RATING
- DESIGNED IN ACCORDANCE WITH IEC STANDARD 63171-6.
 - DATA TRANSMISSION WITH FREQUENCIES UP TO 600 MHz
 - COMPATIBLE WITH 10BASE-T1, 100BASE-T1, & 1000BASE-T1
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 4A UP TO 26 AWG WIRE, 3A UP TO 28 AWG WIRE
 - VOLTAGE RATING: 60VDC MAX
 - CONTACT RESISTANCE: 20mΩ MAX
- OPERATING TEMPERATURE: -40°C TO +85°C

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OVERALL LENGTH MAY VARY
DEPENDING ON DIAMETER OF
CABLE USED.



SEE ORDERING CODE FOR
ACCOMMODATED CABLE
JACKET DIAMETER RANGES

ORDERING CODE: **MSPE-P2L0-XX0XX**

MSPE SERIES

PLUG CONNECTOR

IP20 RATING

LATCH-LOCKING

TERMINATION STYLE

- 2 = 28 TO 18AWG SOLDER PAD
2.50 [.098] MAX INSULATION O.D.
3 = 22/7 AWG IDC
2.03 [.080] INSULATION O.D. MAX
4 = 26/7 TO 24/7 AWG IDC
1.06 [.042] TO 1.25 [.049] INSULATION O.D.
8 = 28/7 TO 26/7 AWG IDC
0.95 [.037] TO 1.05 [.041] INSULATION O.D.

PACKAGING OPTION

- NO DIGITS = STANDARD PACKAGING
SK = SINGLE KIT
KIT CONTAINS ONE COMPLETE SET OF COMPONENTS REQUIRED TO BUILD CONNECTOR.

MODIFIER

0 = STANDARD

CABLE JACKET DIAMETER

- 3 = Ø 3.5 [.138] TO Ø 4.4 [.173],
1 GROMMET SUPPLIED
6 = Ø 4.5 [.177] TO Ø 5.4 [.213],
1 GROMMET SUPPLIED
7 = Ø 5.5 [.216] TO Ø 6.4 [.252],
NO GROMMETS SUPPLIED
A = Ø 3.5 [.138] TO Ø 6.4 [.252],
BOTH GROMMETS SUPPLIED

UNLESS SPECIFIED OTHERWISE	DRAWN	M. PAHULJE	MAY31/19
PRIMARY UNITS	MILLIMETRES	CHECKED	
SECONDARY	INCHES	M.E. APP'D	
REFERENCE IN PARENTHESES		Q.A. APP'D	
GENERAL TOLERANCES		DWG APP'D	
1 DECIMAL PLACE		ENG NO.	EAR 14781
2 DECIMAL PLACES	±0.15	RELEASE STATE	RELEASED
3 DECIMAL PLACES		THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING
ANGULAR DEGREES			

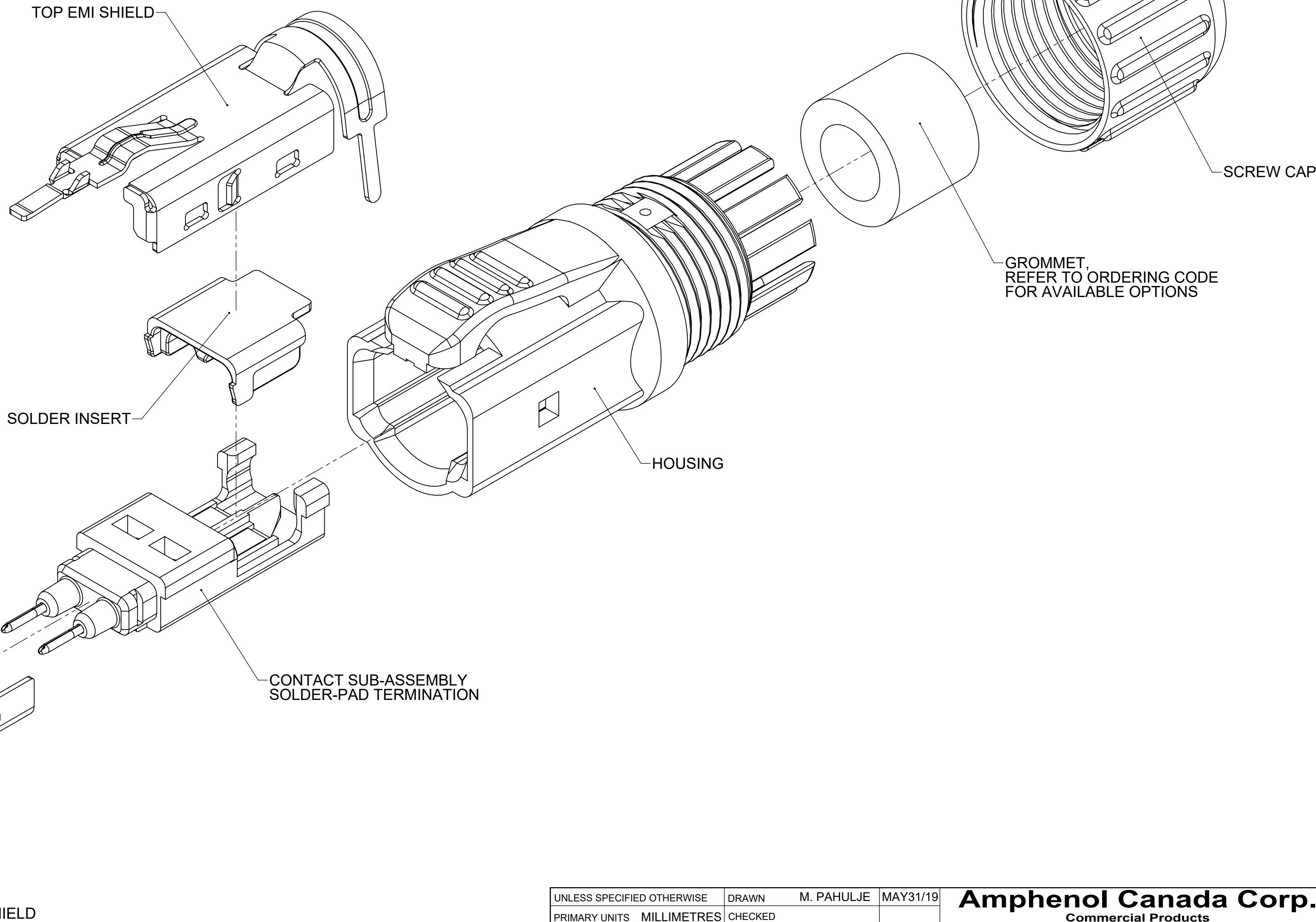
Amphenol Canada Corp.
Commercial Products

MSPE SERIES, IP20 PLUG, LATCH-LOCKING,
TERMINATION OPTIONS, RoHS COMPLIANT

DWG. NO.	P-MSPE-P2L0-XX0XX	REV	F
CODE ID NO.	DWG SIZE: C	SCALE: 6:1	SHEET 1 OF 4

PLUG COMPONENTS AS SUPPLIED
MSPE-P2L0-2X0XX,
SOLDER-PAD TERMINATION

REVISIONS				
REV	DESCRIPTION	DATE	GUARDIAN	APPROVED
-	-	-	-	-
F	ECN-C00744-1	FEB14/26	B. COPPING	R. D'AMICO

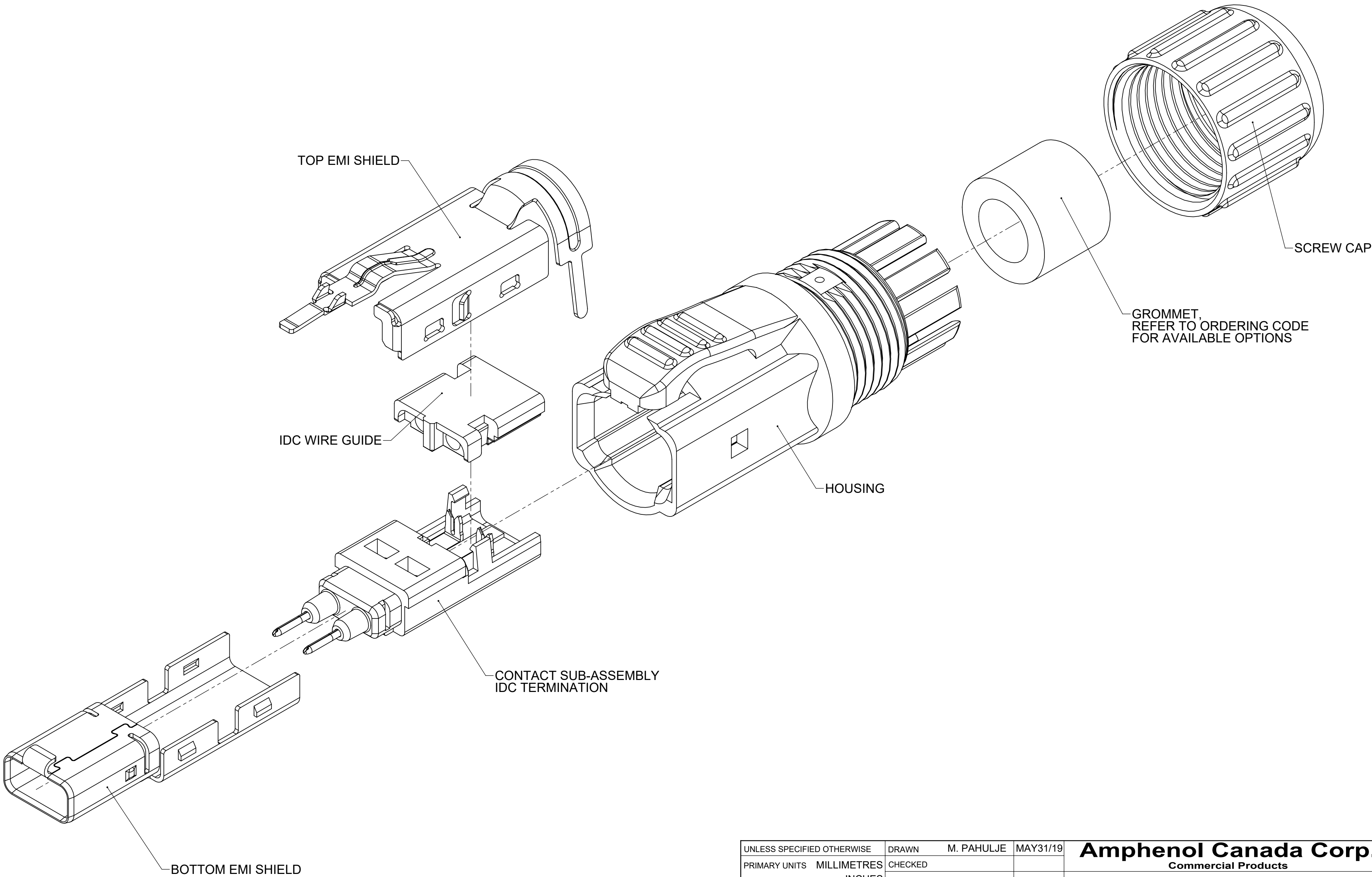


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UNLESS SPECIFIED OTHERWISE			DRAWN M. PAHULJE MAY31/19		Amphenol Canada Corp.			
PRIMARY UNITS	MILLIMETRES	CHECKED			Commercial Products			
SECONDARY	INCHES	M.E. APP'D			MSPE SERIES, IP20 PLUG, LATCH-LOCKING, TERMINATION OPTIONS, RoHS COMPLIANT			
REFERENCE IN PARENTHESES		Q.A. APP'D						
GENERAL TOLERANCES		DWG APP'D			ENG NO. EAR 14781		DWG. NO.	
1 DECIMAL PLACE								
2 DECIMAL PLACES	±0.15	RELEASE STATE	RELEASED		P-MSPE-P2L0-XX0XX			REV F
3 DECIMAL PLACES		THIRD ANGLE PROJECTION						
ANGULAR DEGREES					CODE ID NO.	DWG SIZE: C	SCALE: 6:1	SHEET 2 OF 4

PLUG COMPONENTS AS SUPPLIED
MSPE-P2L0-4X0XX & MSPE-P2L0-8X0XX,
IDC TERMINATION

REVISIONS				
REV	DESCRIPTION	DATE	GUARDIAN	APPROVED
-	-	-	-	-
F	ECN-C00744-1	FEB14/26	B. COPPING	R. D'AMICO

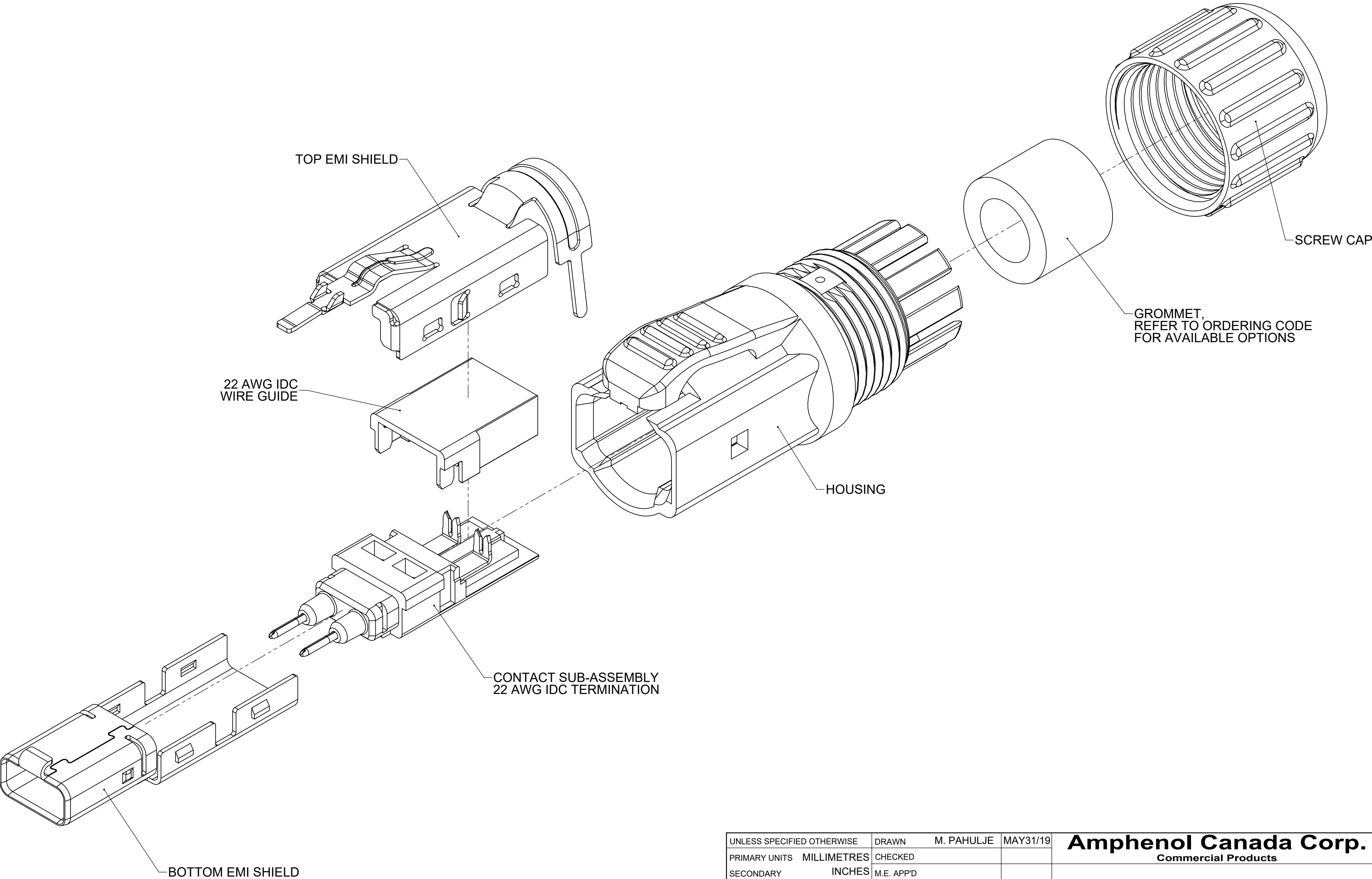


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PRIMARY UNITS	MILLIMETRES	CHECKED			Commercial Products			
SECONDARY	INCHES	M.E. APP'D			MSPE SERIES, IP20 PLUG, LATCH-LOCKING, TERMINATION OPTIONS, RoHS COMPLIANT			
REFERENCE IN PARENTHESES		Q.A. APP'D						
GENERAL TOLERANCES		DWG APP'D			DWG. NO. P-MSPE-P2L0-XX0XX			
1 DECIMAL PLACE		ENG NO.	EAR 14781					
2 DECIMAL PLACES	±0.15	RELEASE STATE	RELEASED		CODE ID NO. F			
3 DECIMAL PLACES		THIRD ANGLE PROJECTION						
ANGULAR DEGREES					DWG SIZE: C SCALE: 6:1 SHEET 3 OF 4			

PLUG COMPONENTS AS SUPPLIED
MSPE-P2L0-3X0XX, IDC TERMINATION

REVISIONS				
REV	DESCRIPTION	DATE	GUARDIAN	APPROVED
-	-	-	-	-
F	ECN-C00744-1	FEB14/26	B. COPPING	R. D'AMICO



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PRIMARY UNITS MILLIMETRES		CHECKED						Commercial Products				
SECONDARY INCHES		M.E. APP'D						MSPE SERIES, IP20 PLUG, LATCH-LOCKING, TERMINATION OPTIONS, RoHS COMPLIANT				
REFERENCE IN PARENTHESES		Q.A. APP'D										
GENERAL TOLERANCES		DWG APP'D						DWG. NO. P-MSPE-P2L0-XX0XX				
1 DECIMAL PLACE		ENG NO.		EAR 14781								
2 DECIMAL PLACES ±0.15		RELEASE STATE		RELEASED				REV F				
3 DECIMAL PLACES		THIRD ANGLE PROJECTION										
ANGULAR DEGREES				DO NOT SCALE DRAWING				CODE ID NO.		DWG SIZE: C	SCALE: 6:1	SHEET 4 OF 4