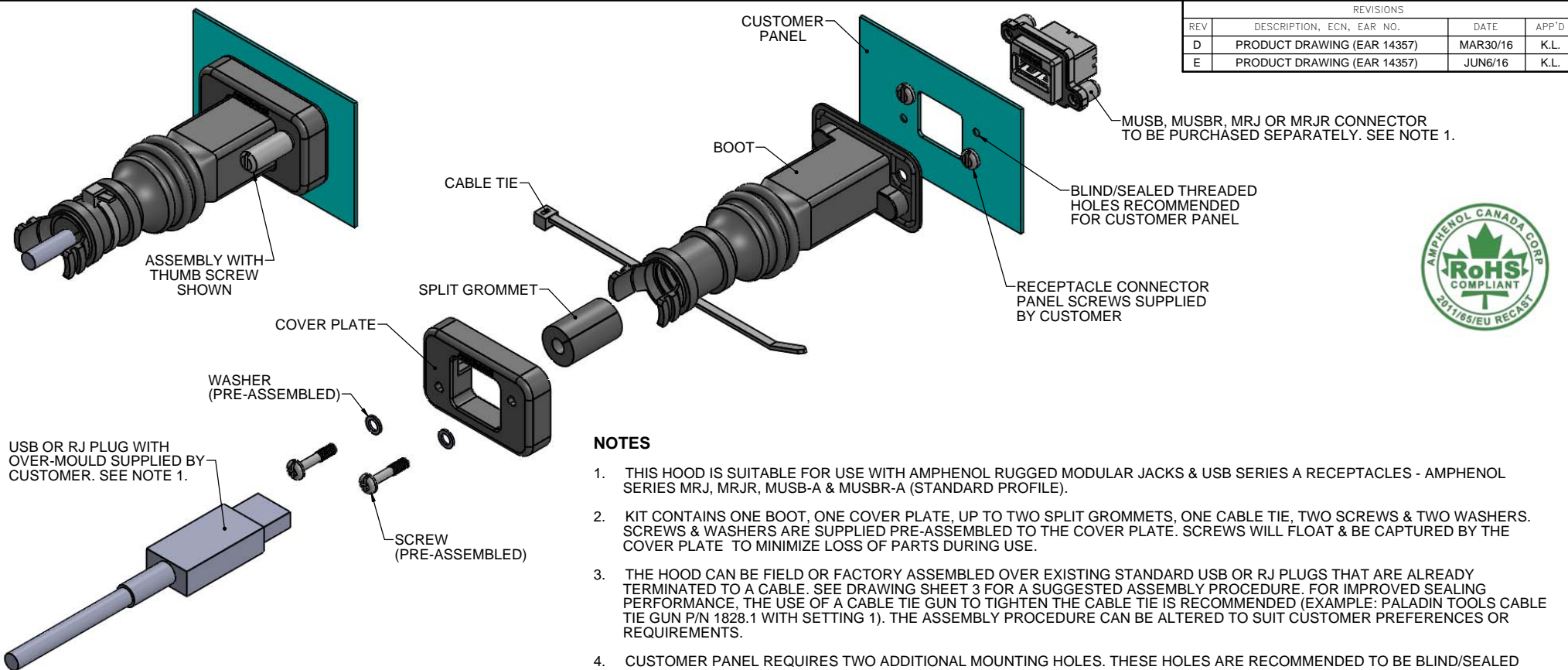


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
D	PRODUCT DRAWING (EAR 14357)	MAR30/16	K.L.
E	PRODUCT DRAWING (EAR 14357)	JUN6/16	K.L.



NOTES

- THIS HOOD IS SUITABLE FOR USE WITH AMPHENOL RUGGED MODULAR JACKS & USB SERIES A RECEPTACLES - AMPHENOL SERIES MRJ, MRJR, MUSB-A & MUSBR-A (STANDARD PROFILE).
- KIT CONTAINS ONE BOOT, ONE COVER PLATE, UP TO TWO SPLIT GROMMETS, ONE CABLE TIE, TWO SCREWS & TWO WASHERS. SCREWS & WASHERS ARE SUPPLIED PRE-ASSEMBLED TO THE COVER PLATE TO MINIMIZE LOSS OF PARTS DURING USE.
- THE HOOD CAN BE FIELD OR FACTORY ASSEMBLED OVER EXISTING STANDARD USB OR RJ PLUGS THAT ARE ALREADY TERMINATED TO A CABLE. SEE DRAWING SHEET 3 FOR A SUGGESTED ASSEMBLY PROCEDURE. FOR IMPROVED SEALING PERFORMANCE, THE USE OF A CABLE TIE GUN TO TIGHTEN THE CABLE TIE IS RECOMMENDED (EXAMPLE: PALADIN TOOLS CABLE TIE GUN P/N 1828.1 WITH SETTING 1). THE ASSEMBLY PROCEDURE CAN BE ALTERED TO SUIT CUSTOMER PREFERENCES OR REQUIREMENTS.
- CUSTOMER PANEL REQUIRES TWO ADDITIONAL MOUNTING HOLES. THESE HOLES ARE RECOMMENDED TO BE BLIND/SEALED HOLES SO THAT ENCLOSURE REMAINS SEALED. IN UNMATED CONDITION, RECEPTACLE MAINTAINS ENCLOSURE SEAL. IN MATED CONDITION, BOOT ASSEMBLY ENSURES SEAL OF MATING INTERFACE AREA.
- BOOT ACCORDION SECTION ALLOWS FLEXIBILITY FOR CABLE TIE LOCATION ALONG CABLE LENGTHWISE. THIS MAY BE NECESSARY TO SUIT EXTRA LONG PLUG OVER-MOULDINGS OR TO AVOID FERRITES MOULDED INTO THE CABLE. IF A MATING RECEPTACLE & PANEL ARE NOT AVAILABLE DURING BOOT ASSEMBLY, THE ACCORDION SECTION ALSO ALLOWS FLEXIBILITY FOR THE BOOT FLANGE LOCATION.
- FLEXIBILITY OF BOOT PERMITS PLUG/RECEPTACLE INTERFACE TO BE UNMATED & RE-MATED WITHOUT DIS-ASSEMBLY OR REMOVAL OF THE PLUG HOOD. THIS FEATURE SIMPLIFIES EQUIPMENT TEST & DIAGNOSTICS IN FIELD SERVICE APPLICATIONS.
- MATERIAL: ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU & AMENDMENTS
 - BOOT: FLEXIBLE RUBBER, BLACK & TRANSLUCENT OPTIONS
 - COVER PLATE: THERMOPLASTIC POLYESTER OR NYLON, GLASS REINFORCED, BLACK
 - HARDWARE: STAINLESS STEEL
 - CABLE TIE: NYLON, BLACK
 - GROMMET: SILICONE RUBBER, BLACK
- GROMMET CODE 21 (4.50 [.177] I.D.) IS SUITABLE FOR CABLES UP TO 4.50 [.177] OUTSIDE JACKET DIAMETER. GROMMET CODE 31 (6.40 [.252] I.D.) IS SUITABLE FOR CABLES BETWEEN 4.50 [.177] & 6.50 [.256] OUTSIDE JACKET DIAMETER. LARGER DIAMETER CABLES DO NOT REQUIRE A GROMMET.
- TO ORDER CABLE TIES SEPARATELY, SPECIFY P/N MUSBR-2AHD-501BP.
- OPERATING TEMPERATURE -55°C TO +105°C.

ORDERING CODE:

MUSBR - AHD2 - X X1 XX

SERIES, RUGGED USB _____

HOOD, BOOT STYLE _____

SCREW, THREAD & BOOT OPTIONS _____

2 = SCREW - #4-40 UNC THREAD, BLACK BOOT

3 = THUMB SCREW - #4-40 UNC THREAD, BLACK BOOT

7 = SCREW - #4-40 UNC THREAD, TRANSLUCENT BOOT

8 = THUMB SCREW - #4-40 UNC THREAD, TRANSLUCENT BOOT

L = SCREW - M3 x 0.5 THREAD, BLACK BOOT

M = THUMB SCREW - M3 x 0.5 THREAD, BLACK BOOT

S = SCREW - M3 x 0.5 THREAD, TRANSLUCENT BOOT

T = THUMB SCREW - M3 x 0.5 THREAD, TRANSLUCENT BOOT

GROMMET OPTION _____

01 = NO GROMMET

21 = 4.50 [.177] INSIDE DIAMETER GROMMET

31 = 6.40 [.252] INSIDE DIAMETER GROMMET

41 = WITH BOTH 4.50 [.177] & 6.40 [.252] GROMMETS

PACKAGING OPTIONS _____

BP = BULK PACKED, COMPONENTS BAGGED SEPARATELY IN CARTON

SK = SINGLE KIT, COMPONENTS FOR EACH HOOD IN SINGLE BAG

STANDARD PART NUMBER - MUSBR-AHD2-241SK FOR STOCK IN DISTRIBUTION
CONSULT WITH AMPHENOL CANADA FOR OTHER OPTIONS OR SPECIAL REQUESTS.

UNLESS SPECIFIED OTHERWISE	DRAWN	B.COPPING	DEC5/14
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	DEC5/14
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14327	
2 DECIMAL PLACES	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

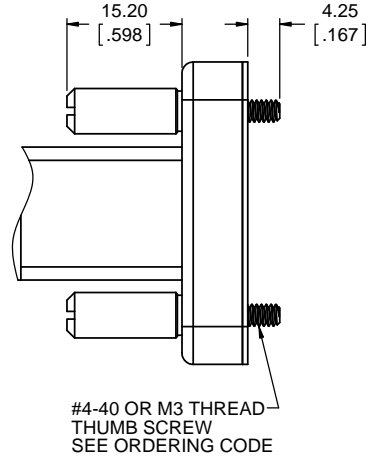
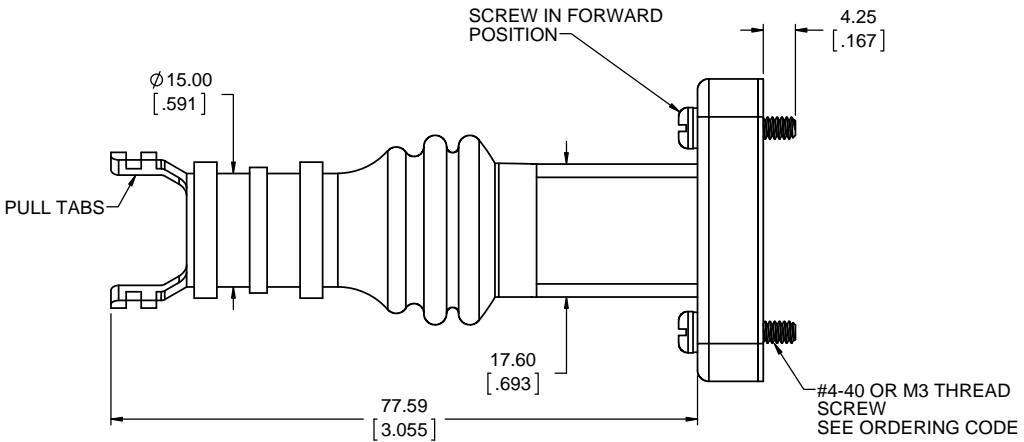
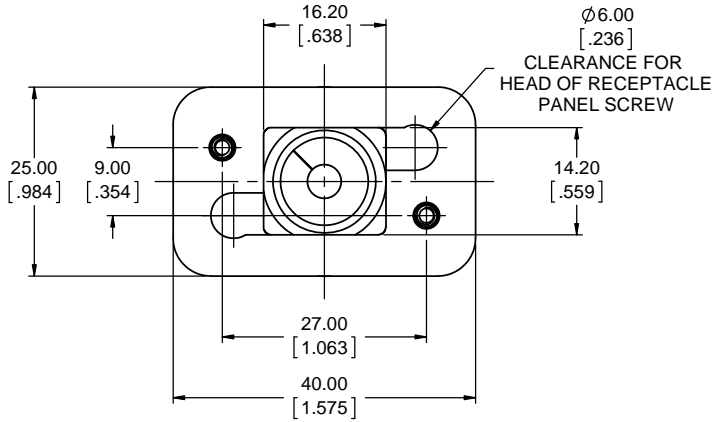
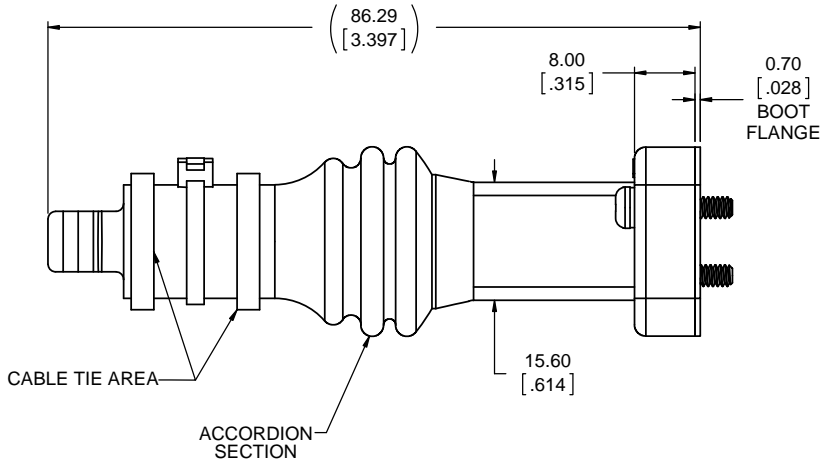
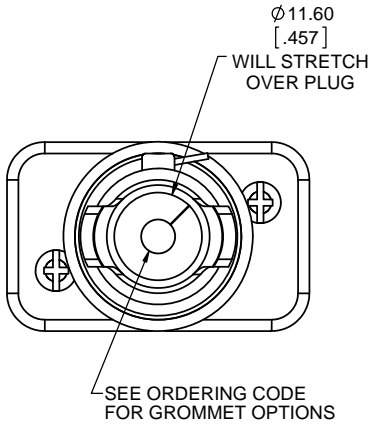
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www.amphenolcanada.com

MUSBR HOOD FOR USB OR RJ PLUG, BOOT STYLE DESIGN, FOR SEALING MATING INTERFACE, RoHS COMPLIANT

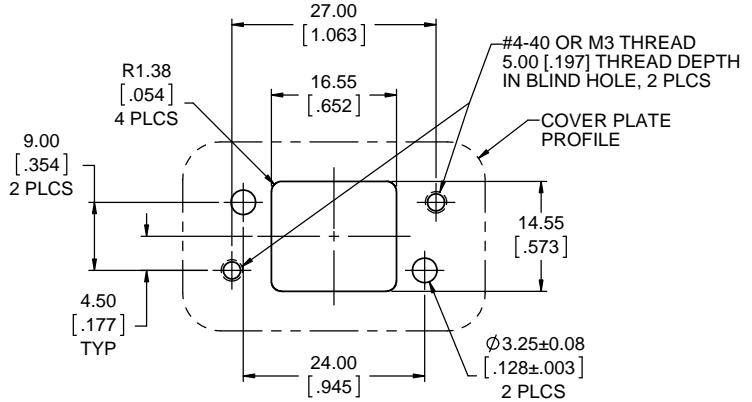
DWG. NO. **P-MUSBR-AHD2-XX1XX** REV **E**

CODE ID NO. 03554 DWG SIZE: X SCALE: 2:1 SHEET 1 OF 3

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
D	PRODUCT DRAWING (EAR 14357)	MAR30/16	K.L.
E	PRODUCT DRAWING (EAR 14357)	JUN6/16	K.L.



VIEW WITH THUMB SCREWS SHOWN



RECOMMENDED PANEL CUTOUT OUTSIDE PANEL VIEW



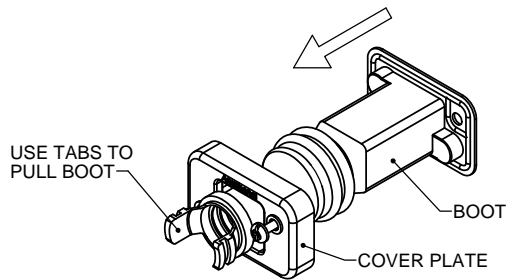
UNLESS SPECIFIED OTHERWISE	DRAWN	B.COPPING	DEC5/14
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	DEC5/14
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14327	
2 DECIMAL PLACES	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

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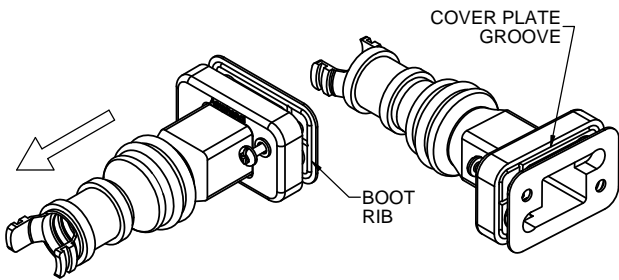
MUSBR HOOD FOR USB OR RJ PLUG, BOOT STYLE DESIGN, FOR SEALING MATING INTERFACE, RoHS COMPLIANT

DWG. NO. **P-MUSBR-AHD2-XX1XX** REV **E**

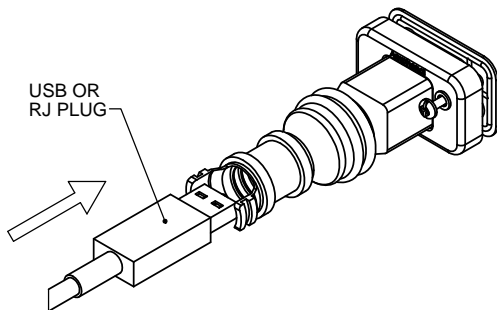
CODE ID NO. 03554 DWG SIZE: X SCALE: 2:1 SHEET 2 OF 3



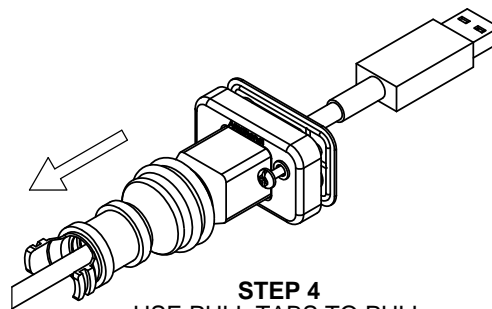
STEP 1
PULL BOOT THROUGH
COVER PLATE.



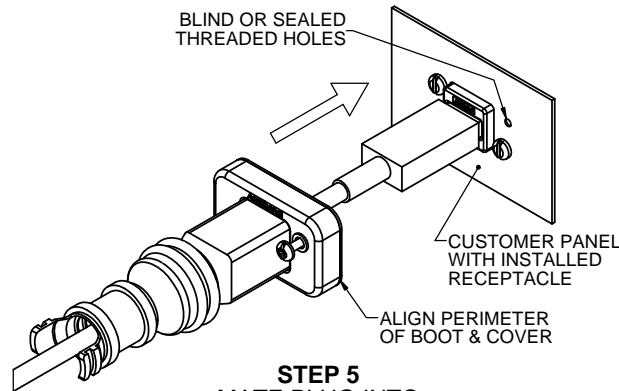
STEP 2
CONTINUE TO PULL BOOT
UNTIL BOOT FLANGE ALMOST
TOUCHES COVER PLATE.



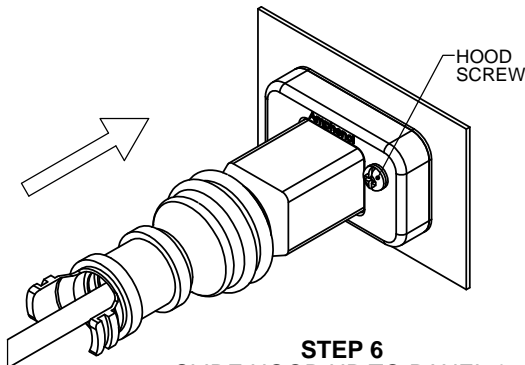
STEP 3
INSERT PLUG PARTIALLY
INTO THE BOOT.



STEP 4
USE PULL TABS TO PULL
BOOT OVER PLUG.

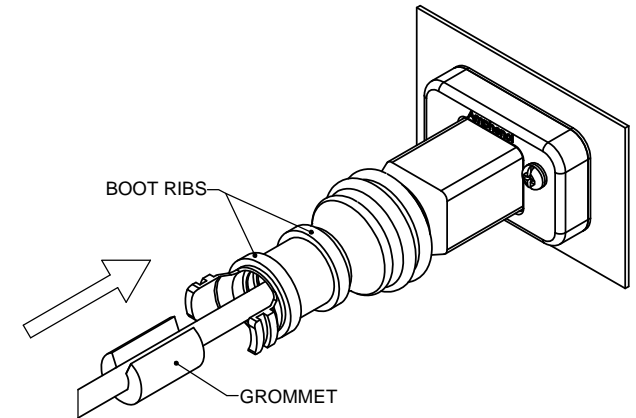


STEP 5
MATE PLUG INTO
RECEPTACLE.

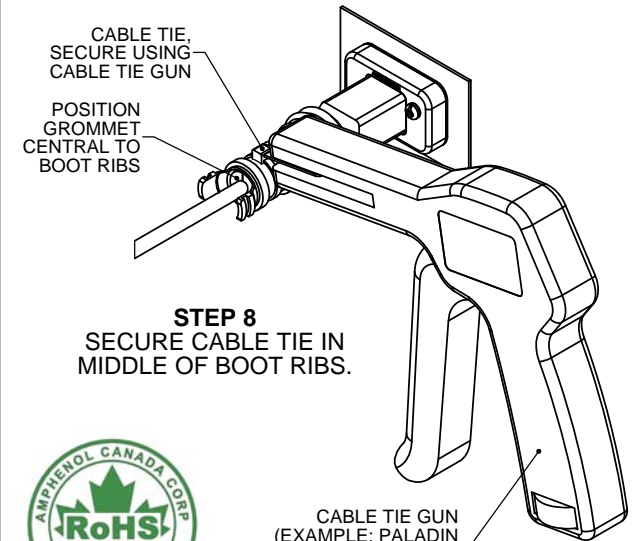


STEP 6
SLIDE HOOD UP TO PANEL &
SECURE HOOD SCREWS

REVISIONS			
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E	PRODUCT DRAWING (EAR 14357)	JUN6/16	K.L.



STEP 7
OPEN GROMMET ALONG SPLIT LINE,
PLACE OVER PLUG CABLE & SLIDE
INTO POSITION BETWEEN BOOT RIBS



STEP 8
SECURE CABLE TIE IN
MIDDLE OF BOOT RIBS.



FIELD ASSEMBLY PROCEDURE

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UNLESS SPECIFIED OTHERWISE	DRAWN	B.COPPING	DEC5/14
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	DEC5/14
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ANGULAR DEGREES	DO NOT SCALE DRAWING		

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MUSBR HOOD FOR USB OR RJ PLUG,
BOOT STYLE DESIGN, FOR SEALING
MATING INTERFACE, RoHS COMPLIANT

DWG. NO.	P-MUSBR-AHD2-XX1XX	REV	E
CODE ID NO. 03554	DWG SIZE: X	SCALE: 2:1	SHEET 3 OF 3