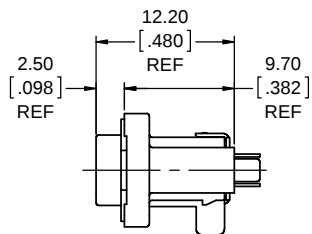
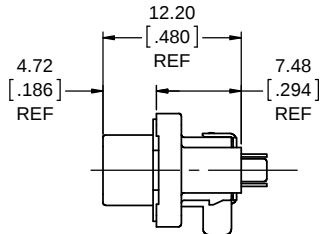


FRONT FLANGE POSITION



REAR FLANGE POSITION

ORDERING CODE: **MUSBR-E551-XX**

SERIES, RUGGED USB

USB MINI-AB RECEPTACLE
VERTICAL PCB TAILS

FLANGE & THREAD OPTION

3 = FRONT FLANGE POS'N,
#2-56 UNC THREAD5 = REAR FLANGE POS'N,
#2-56 UNC THREADM = FRONT FLANGE POS'N,
M2.5 x 0.45 THREADT = REAR FLANGE POS'N,
M2.5 x 0.45 THREAD

DUST COVER OPTION

0 = WITH NO DUST COVER SUPPLIED

1 = WITH GREY DUST COVER SUPPLIED

5 = WITH BLACK DUST COVER SUPPLIED

SPECIAL CONNECTORS

MANY UNIQUE FEATURES ARE READILY AVAILABLE TO SUIT
CUSTOMER REQUIREMENTS. CONSULT WITH AMPHENOL
CANADA FOR DETAILS.MINI-AB-USB
CONNECTOR

GASKET

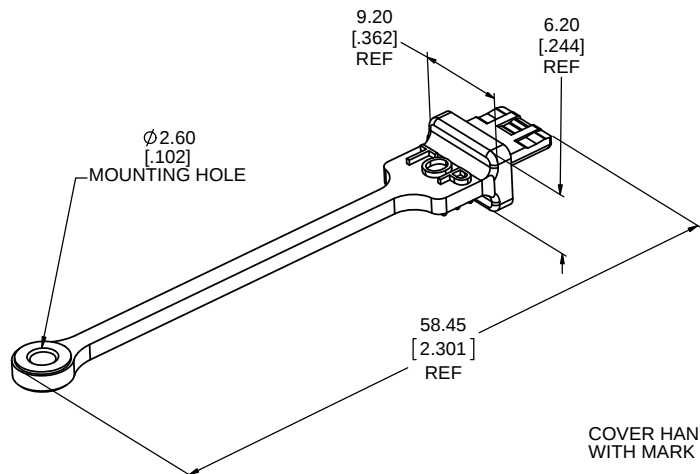
DIECAST SHELL

REAR COVER

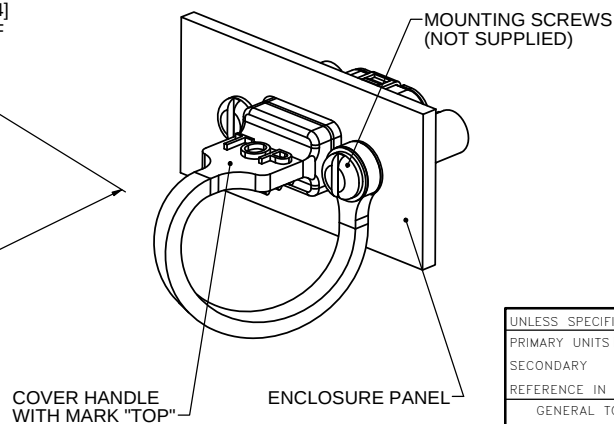
GROUND TAILS

VERTICAL
PCB TAILS

DUST COVER OPTION



DUST COVER APPLICATION VIEW



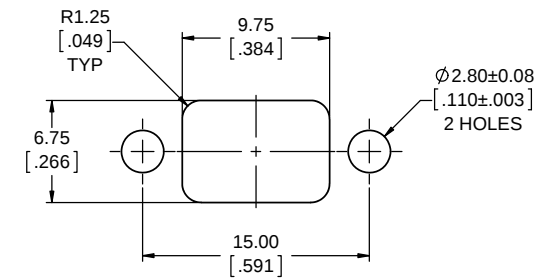
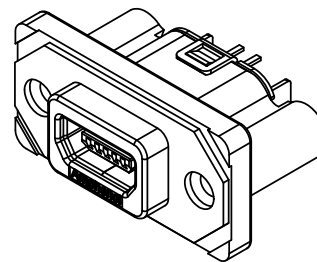
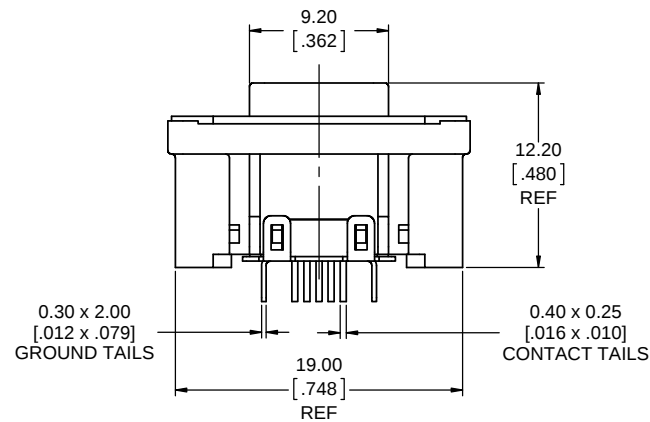
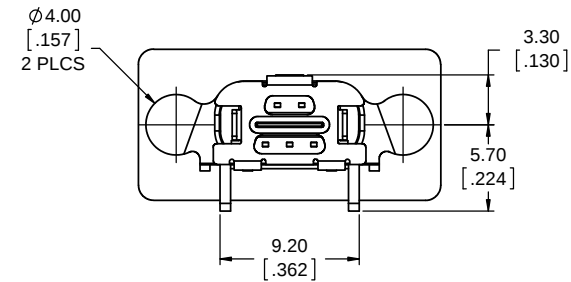
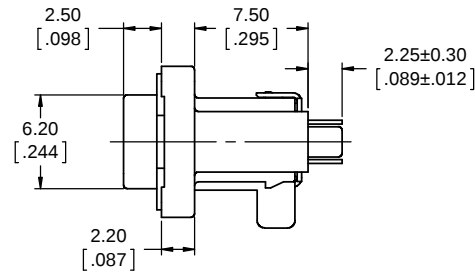
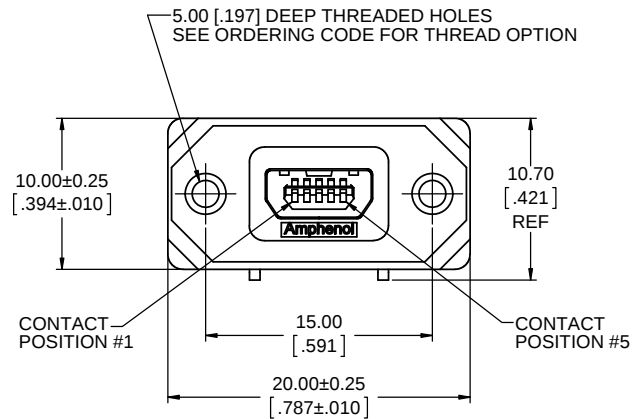
NOTES:

- MATERIAL:
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS
 - OUTER SHELL: DIECAST ZINC ALLOY, MATTE TIN OVER NICKEL PLATED
 - CONTACTS: PHOSPHOR BRONZE, PLATED WITH 0.76 µm [30µ"] MINIMUM GOLD OVER 1.27 µm [50µ"] MINIMUM NICKEL ON THE MATING AREA WITH MATTE TIN OVER NICKEL ON THE TAILS
 - USB HOUSING: ENGINEERING THERMOPLASTIC LCP, HIGH TEMPERATURE RESISTANT, FLAMMABILITY RATING UL94V-0, BLACK
 - USB SHIELD: STAINLESS STEEL, PASSIVATED
 - REAR COVER: STAINLESS STEEL, MATTE TIN OVER NICKEL PLATED
 - GASKET: CONDUCTIVE SILICONE RUBBER, BLACK
- ENVIRONMENTAL PERFORMANCE PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. GASKET PROVIDES SEAL TO INSIDE FACE OF ENCLOSURE PANEL. AVAILABLE DUST COVERS PROVIDE ADDED PROTECTION.
- CURRENT RATING: 1 AMPERE.
- CONTACT RESISTANCE: 50 MILLIOHMS MAXIMUM.
- OPERATING TEMPERATURE: -40°C TO +105°C.
- DUST COVERS MAY BE ORDERED SEPARATELY. SPECIFY:
 - PART NUMBER MUSB-2E151-005BP FOR GREY COVER
 - PART NUMBER MUSB-2E151-015BP FOR BLACK COVER

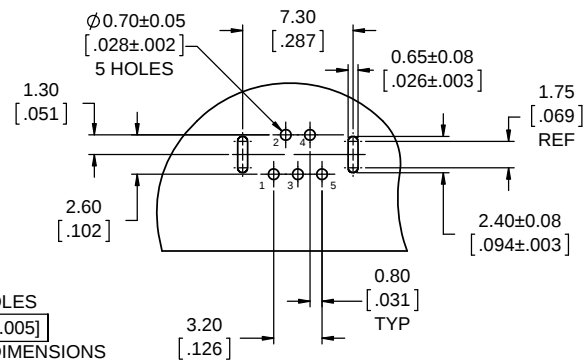
UNLESS SPECIFIED OTHERWISE	DRAWN	B.COPPING	SEP10/14
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	SEP10/14
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14162	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES			

Amphenol Canada Corp. www.amphenolcanada.com			
MUSBR SERIES RUGGED USB MINI-AB RECEPTACLE, VERTICAL PCB TAIL, FLANGE, THREAD & COVER OPTIONS, RoHS COMPLIANT			
DWG. NO.	P-MUSBR-E551-XX		REV A
CODE ID NO. 03554	DWG SIZE: X	SCALE: 3:1	SHEET 1 OF 3

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING (EAR 14162)	SEP10/14	K.L.



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL



LOCATE HOLES
⊕ Ø 0.13 [.005]
POSITION DIMENSIONS
ARE BASIC

RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD

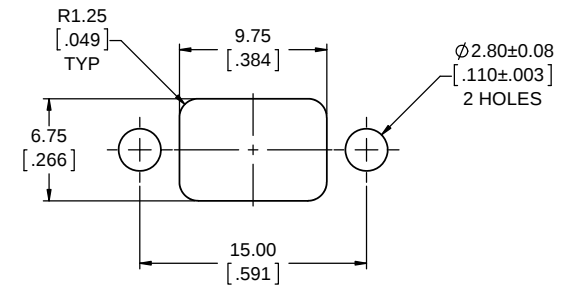
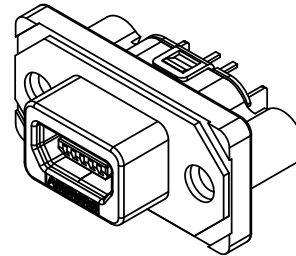
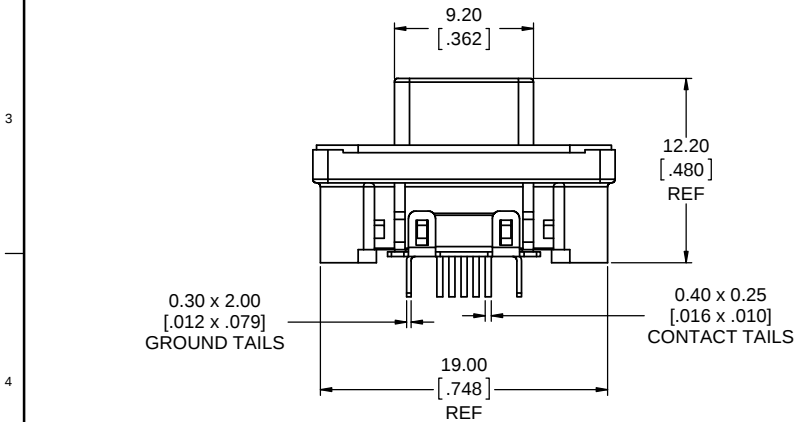
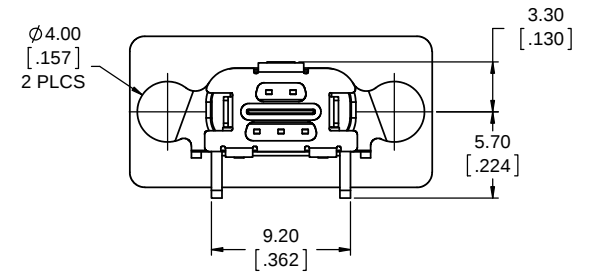
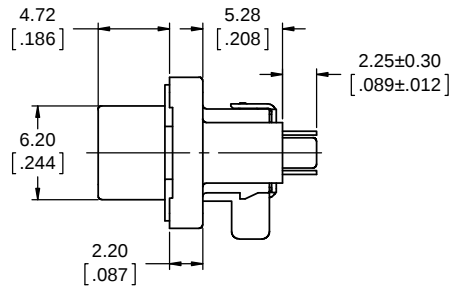
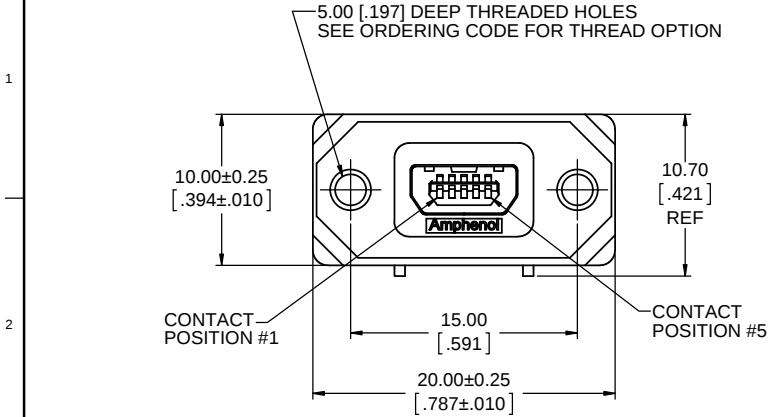


FRONT FLANGE POSITION SHOWN

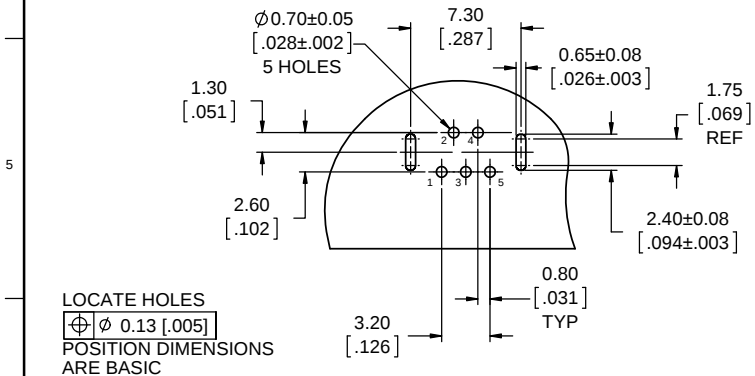
AMPHENOL CANADA PART NUMBERS: MUSBR-E551-3X
MUSBR-E551-MX

UNLESS SPECIFIED OTHERWISE		DRAWN	B.COPPING	SEP10/14	Amphenol Canada Corp. www.amphenolcanada.com MUSBR SERIES RUGGED USB MINI-AB RECEPTACLE, VERTICAL PCB TAIL, FLANGE, THREAD & COVER OPTIONS, RoHS COMPLIANT	REV A
PRIMARY UNITS MILLIMETERS		CHECKED	K.LAMBIE	SEP10/14		
SECONDARY INCHES		M.E. APP'D				
REFERENCE IN PARENTHESES		Q.A. APP'D				
GENERAL TOLERANCES		DWG APPR.			DWG. NO. P-MUSBR-E551-XX	
1 DECIMAL PLACE		ENG. REL. NO.	EAR 14162			
2 DECIMAL PLACES ±0.15		REF.				
3 DECIMAL PLACES		THIRD ANGLE PROJECTION				
ANGULAR DEGREES					CODE ID NO. 03554	
					DWG SIZE: X	
					SCALE: 4:1	
					SHEET 2 OF 3	

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING (EAR 14162)	SEP10/14	K.L.



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL



RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD



REAR FLANGE POSITION SHOWN

AMPHENOL CANADA PART NUMBERS: MUSBR-E551-5X
MUSBR-E551-TX

UNLESS SPECIFIED OTHERWISE	DRAWN	B.COPPING	SEP10/14
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	SEP10/14
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14162	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES			

Amphenol Canada Corp. www.amphenolcanada.com			
MUSBR SERIES RUGGED USB MINI-AB RECEPTACLE, VERTICAL PCB TAIL, FLANGE, THREAD & COVER OPTIONS, RoHS COMPLIANT			
DWG. NO.	P-MUSBR-E551-XX		REV A
CODE ID NO. 03554	DWG SIZE: X	SCALE: 4:1	SHEET 3 OF 3