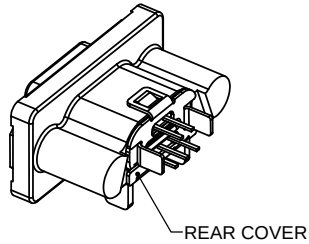
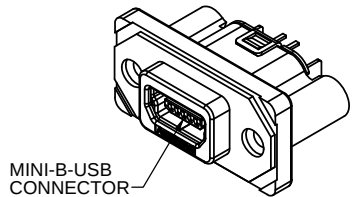
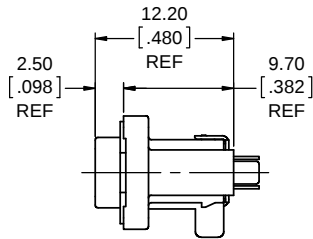
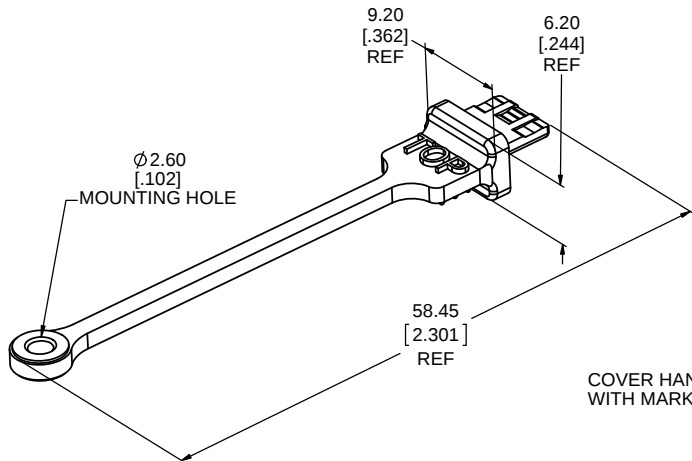


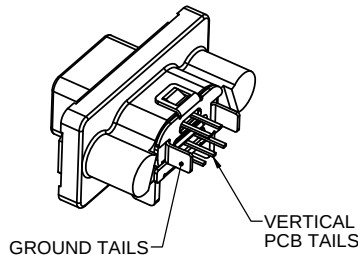
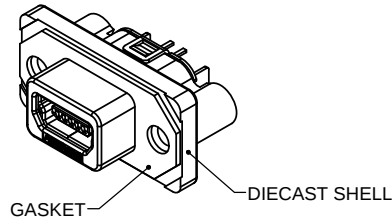
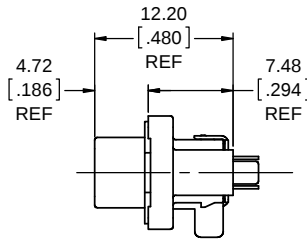
FRONT FLANGE POSITION



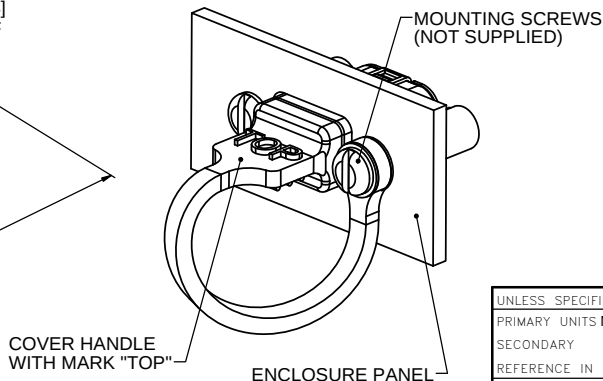
DUST COVER OPTION



REAR FLANGE POSITION



DUST COVER APPLICATION VIEW



ORDERING CODE: MUSBR-B551-XX

SERIES, RUGGED USB

USB MINI-B RECEPTACLE
VERTICAL PCB TAILS

FLANGE & THREAD OPTION

3 = FRONT FLANGE POS'N,
#2-56 UNC THREAD

5 = REAR FLANGE POS'N,
#2-56 UNC THREAD

M = FRONT FLANGE POS'N,
M2.5 x 0.45 THREAD

T = 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.

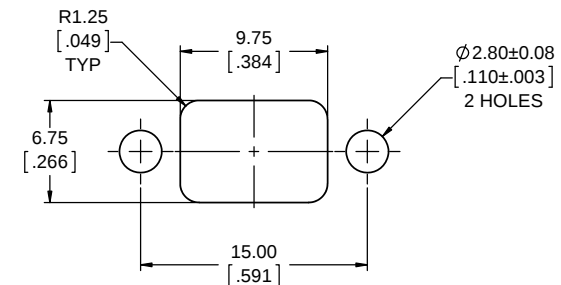
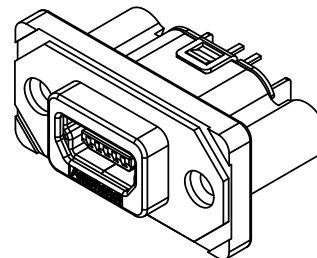
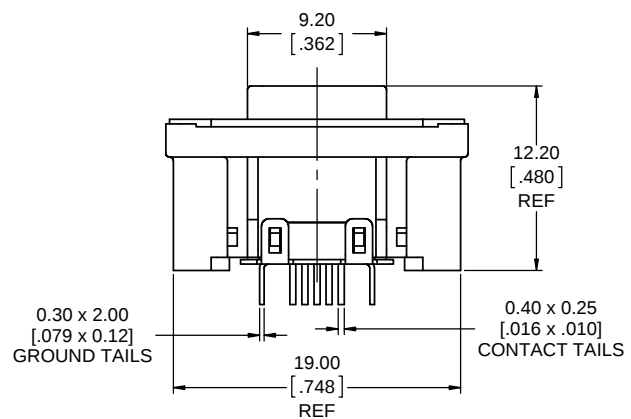
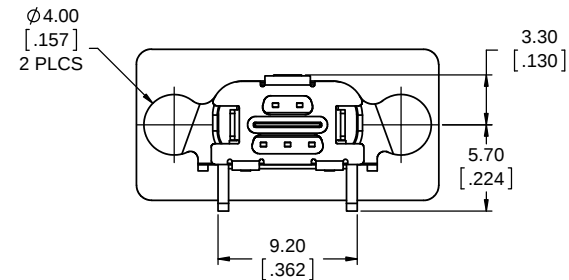
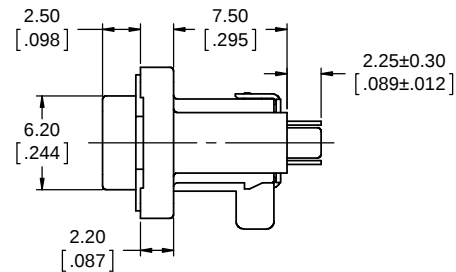
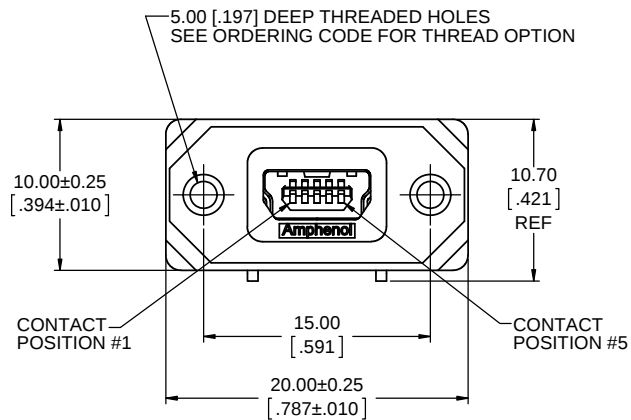
NOTES:

- 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

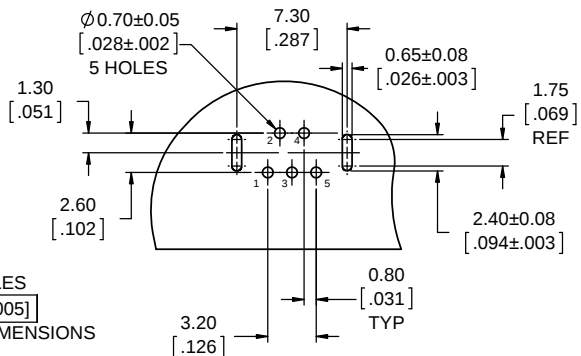
UNLESS SPECIFIED OTHERWISE	DRAWN	B.COPPING	SEP10/14
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	SEP10/14
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14162	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD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

Amphenol Canada Corp. www.amphenolcanada.com			
MUSBR SERIES RUGGED USB MINI-B RECEPTACLE, VERTICAL PCB TAIL, FLANGE, THREAD & COVER OPTIONS, RoHS COMPLIANT			
DWG. NO.	P-MUSBR-B551-XX		
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



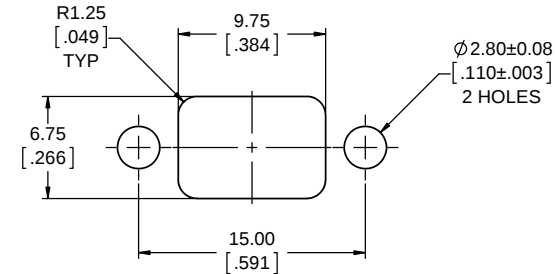
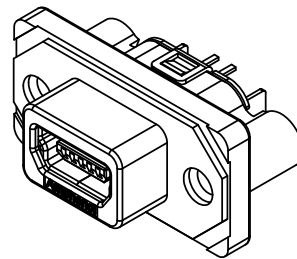
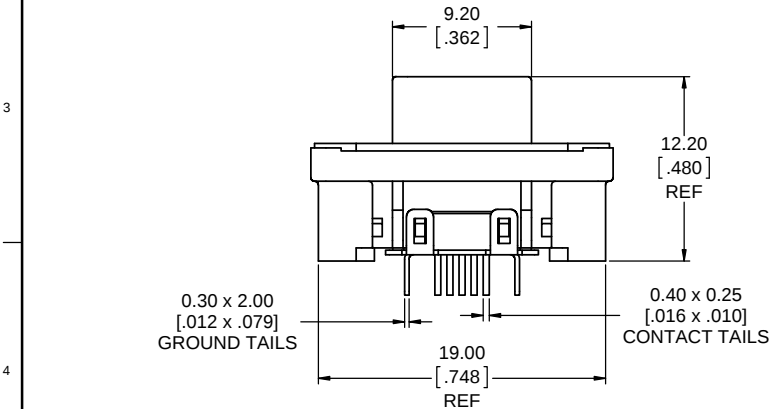
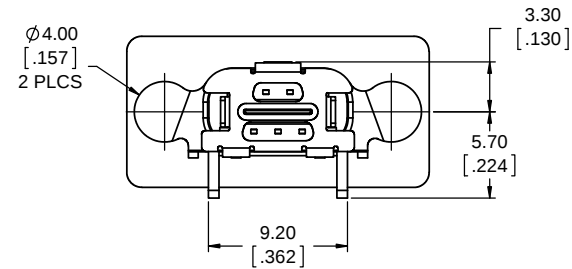
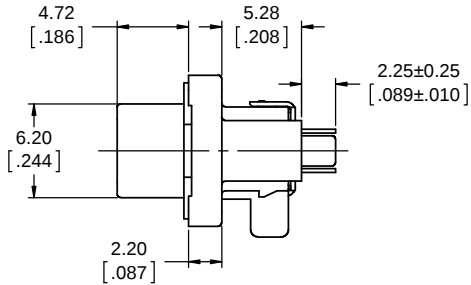
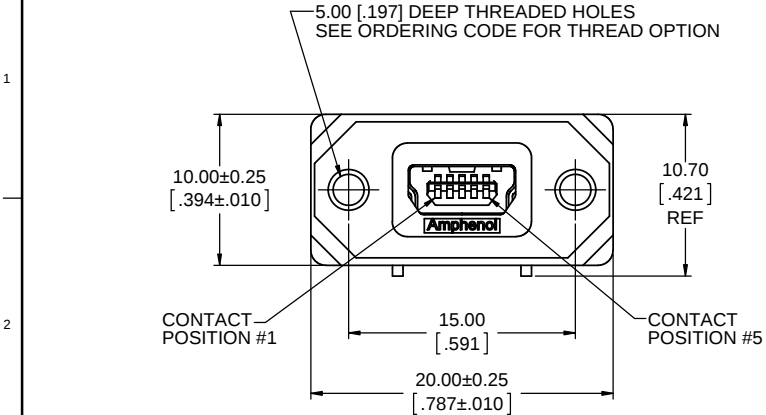
FRONT FLANGE POSITION SHOWN

AMPHENOL CANADA PART NUMBERS: MUSBR-B551-3X
MUSBR-B551-MX

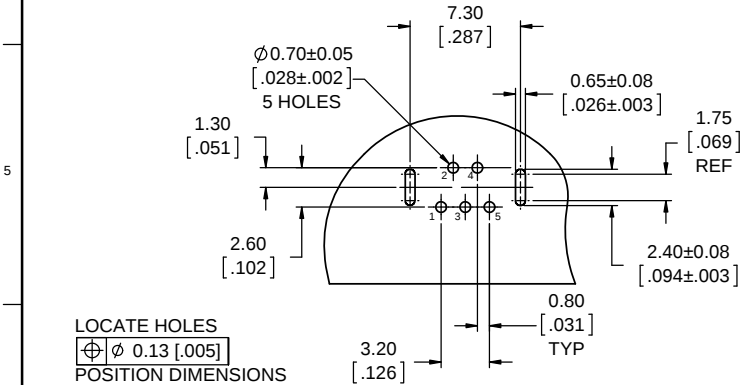
UNLESS SPECIFIED OTHERWISE	DRAWN	B.COPPING	SEP10/14
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	SEP10/14
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE ±0.25	ENG. REL. NO.	EAR 14162	
2 DECIMAL PLACES ±0.10	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES ±1°			

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MUSBR SERIES RUGGED USB MINI-B RECEPTACLE, VERTICAL PCB TAIL, FLANGE, THREAD & COVER OPTIONS, RoHS COMPLIANT			
DWG. NO.	P-MUSBR-B551-XX		REV A
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



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 ±0.25	ENG. REL. NO.	EAR 14162	
2 DECIMAL PLACES ±0.10	REF.		
3 DECIMAL PLACES ±0.05	THIRD ANGLE PROJECTION		
ANGULAR DEGREES ±1°			

Amphenol Canada Corp. www.amphenolcanada.com MUSBR SERIES RUGGED USB MINI-B RECEPTACLE, VERTICAL PCB TAIL, FLANGE, THREAD & COVER OPTIONS, RoHS COMPLIANT			
DWG. NO.	P-MUSBR-B551-XX		REV A
CODE ID NO. 03554	DWG SIZE: X	SCALE: 4:1	SHEET 3 OF 3

Mouser Electronics

Authorized Distributor

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[MUSBR-B551-30](#)