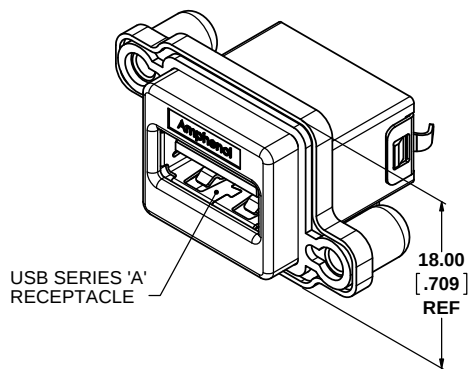
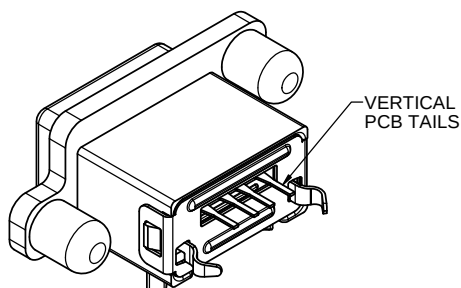
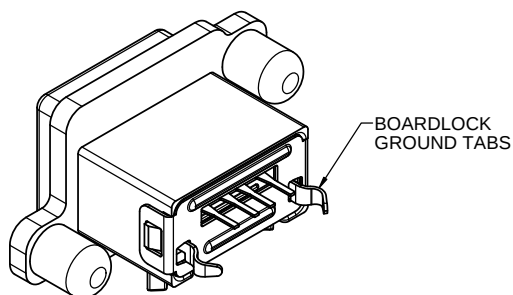
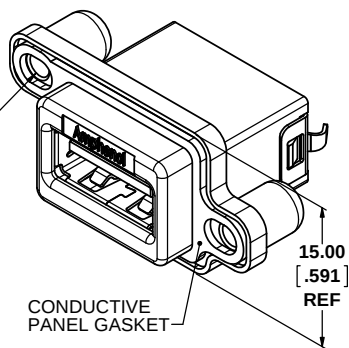
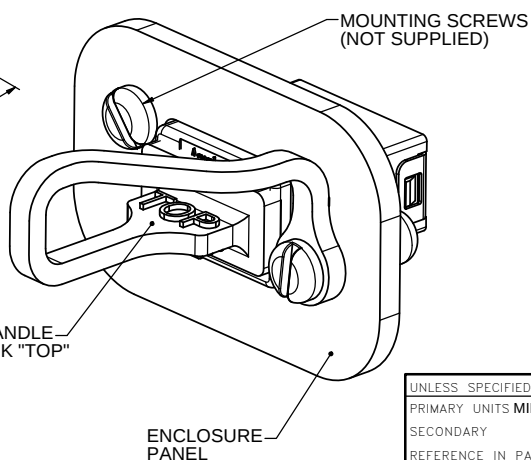
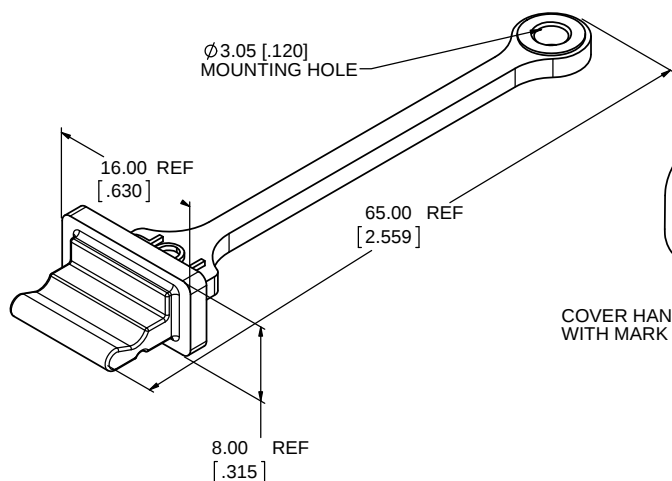


STANDARD PROFILE SHELL

LOW PROFILE SHELL

THREADED
MOUNTING
HOLESDUST COVER OPTION
SEE ORDERING CODE

DUST COVER APPLICATION VIEW

ORDERING CODE: **MUSBR-A511-X X**

SERIES, RUGGED USB

USB SERIES 'A' RECEPTACLE, SINGLE
PORT, VERTICAL PCB TAIL

SHELL & THREAD OPTION

3 = STD. PROFILE, #4-40 UNC THREAD
4 = LOW PROFILE, #4-40 UNC THREAD
M = STD. PROFILE, M3 X 0.5 THREAD
R = LOW PROFILE, M3 X 0.5 THREAD

DUST COVER OPTION

0 = 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, NICKEL PLATED
 - CONTACTS - PHOSPHOR BRONZE, PLATED WITH 0.76µm (30µ") GOLD OVER 1.27µm (50µ") NICKEL ON THE MATING AREA WITH MATTE TIN PLATING ON THE TAILS.
 - USB HOUSING - ENGINEERING THERMOPLASTIC, HIGH TEMPERATURE RESISTANT, FLAMMABILITY RATING UL94V-0, BLACK.
 - USB SHIELD & BACK COVER - STAINLESS STEEL, PASSIVATED.
 - PANEL GASKET - CONDUCTIVE SILICONE RUBBER, BLACK
 - DUST COVER - SILICONE RUBBER WITH NICKEL PLATED BRASS BUSHING. SEE ORDERING CODE FOR DUST COVER COLOUR OPTIONS.
- 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 COVER PROVIDES ADDED PROTECTION.
- CURRENT RATING: 1.5 AMPERES.
- CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM.
- OPERATING TEMPERATURE: -40°C TO +105°C.
- DUST COVERS MAY BE ORDERED SEPARATELY. SPECIFY
 - PART NUMBER MUSB-2A111-014BP FOR THE GREY COVER
 - PART NUMBER MUSB-2A111-024BP FOR THE BLACK COVER

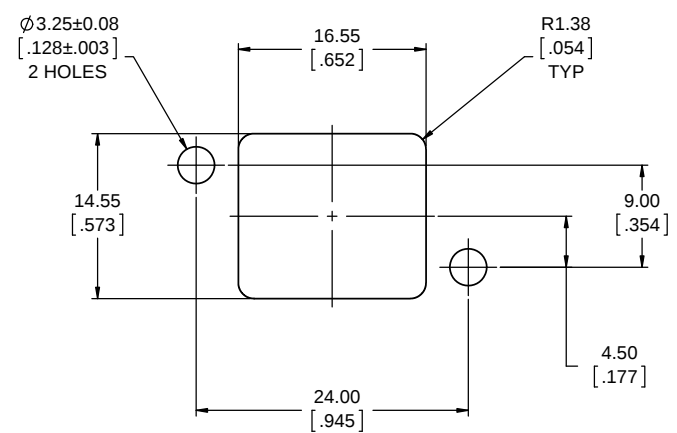
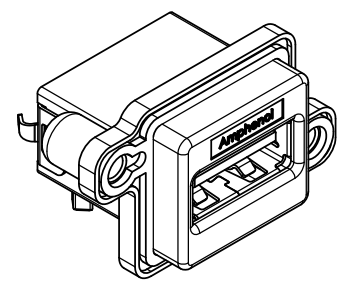
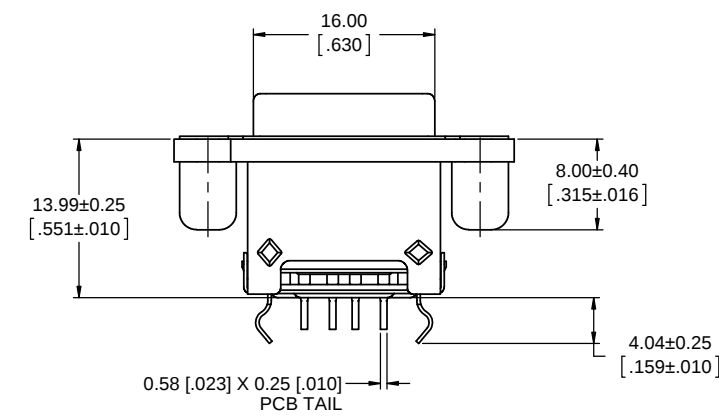
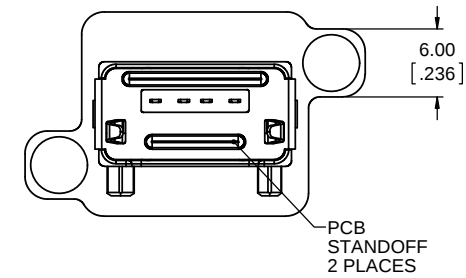
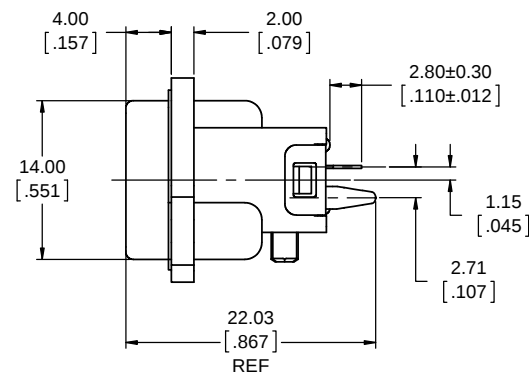
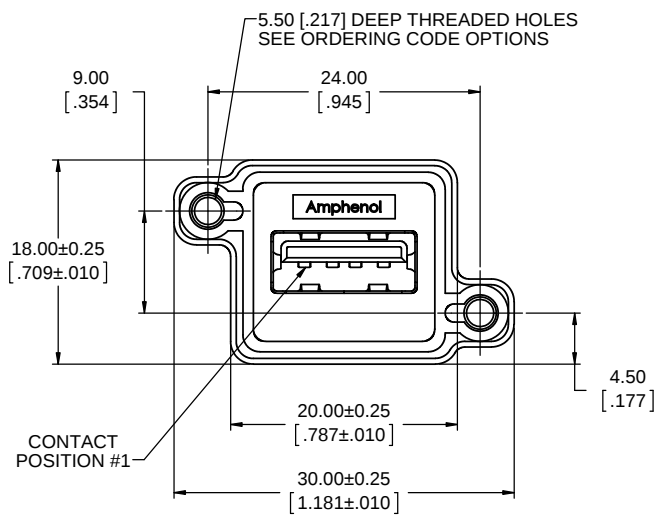
UNLESS SPECIFIED OTHERWISE	DRAWN	A.ESPIE	AUG22/12
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	K.LAMBIE	AUG27/12
1 DECIMAL PLACE	ENG. REL. NO.	ECN E14115	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

Amphenol Canada Corp.
www.amphenolcanada.comMUSBR SERIES RUGGED USB CONNECTOR,
SERIES 'A' RECEPTACLE, SINGLE PORT,
VERTICAL PCB TAIL, THREAD, SHELL &
DUST COVER OPTIONS, RoHS COMPLIANT

P-MUSBR-A511-XX

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

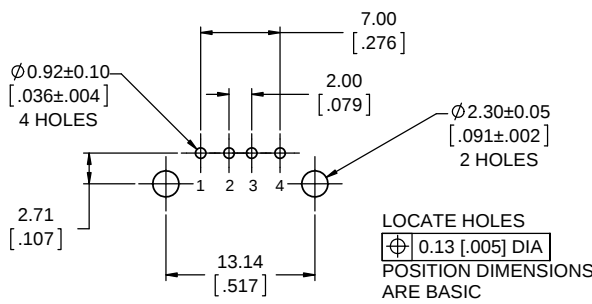
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	PRODUCT DRAWING (EAR 14406)	DEC04/15	K.L.



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL

STANDARD PROFILE
SHELL SHOWN

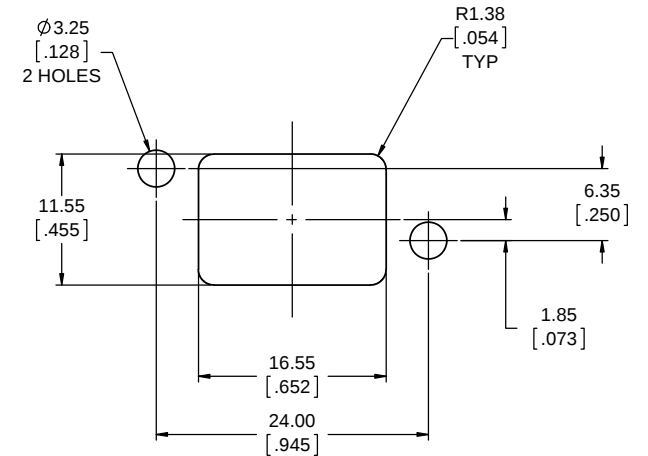
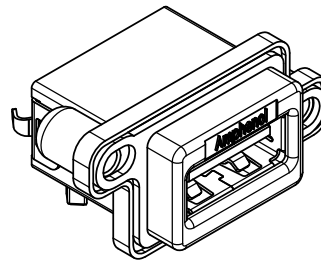
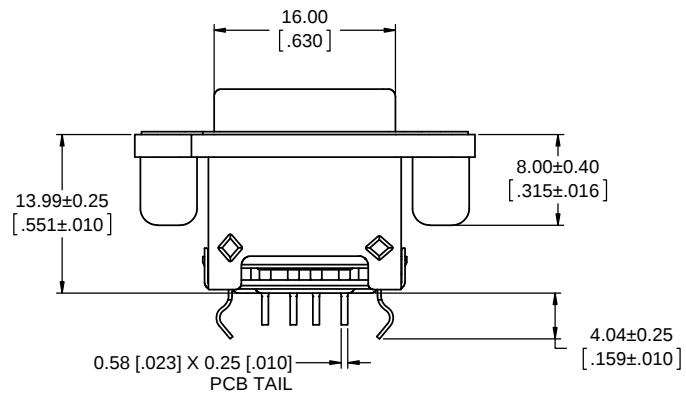
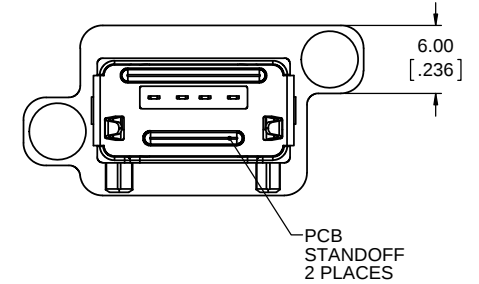
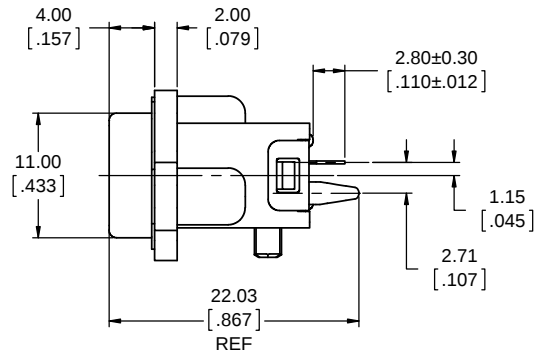
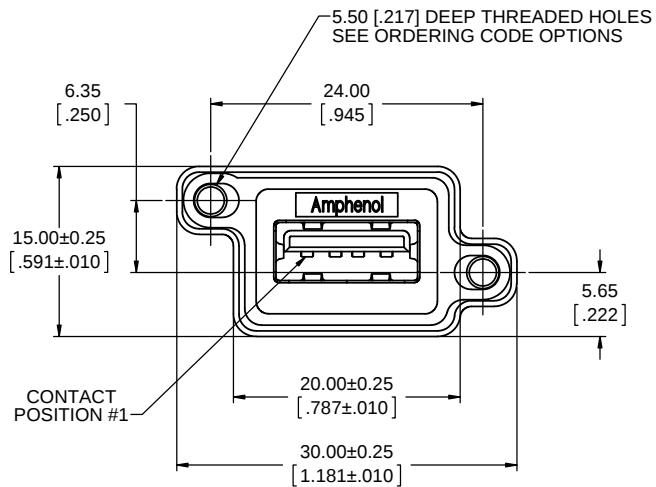
AMPHENOL CANADA PART NUMBERS: MUSBR-A511-3X
MUSBR-A511-MX



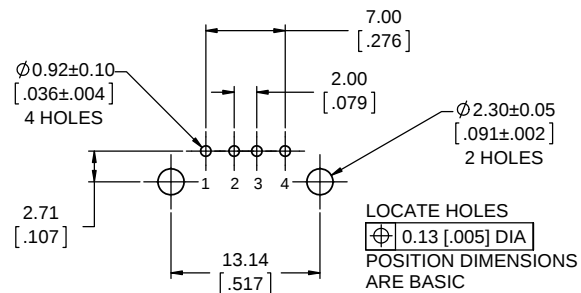
RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD



UNLESS SPECIFIED OTHERWISE	DRAWN	A.ESPIE	AUG22/12	Amphenol Canada Corp. www.amphenolcanada.com MUSBR SERIES RUGGED USB CONNECTOR, SERIES 'A' RECEPTACLE, SINGLE PORT, VERTICAL PCB TAIL, THREAD, SHELL & DUST COVER OPTIONS, RoHS COMPLIANT	
PRIMARY UNITS MILLIMETERS	CHECKED				
SECONDARY INCHES	M.E. APP'D				
REFERENCE IN PARENTHESES	Q.A. APP'D				
GENERAL TOLERANCES	DWG APPR.	K.LAMBIE	AUG27/12	P-MUSBR-A511-XX	
1 DECIMAL PLACE	ENG. REL. NO.	ECN E14115			
2 DECIMAL PLACES ±0.15	REF.			CODE ID NO. 03554	REV B
3 DECIMAL PLACES	THIRD ANGLE PROJECTION			DWG. NO.	
ANGULAR DEGREES	DO NOT SCALE DRAWING			SCALE: 3:1	



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL



RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD



LOW PROFILE SHELL SHOWN

AMPHENOL CANADA PART NUMBERS: MUSBR-A511-4X
MUSBR-A511-RX

UNLESS SPECIFIED OTHERWISE	DRAWN	A.ESPIE	AUG22/12
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	K.LAMBIE	AUG27/12
1 DECIMAL PLACE	ENG. REL. NO.	ECN E14115	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES			

Amphenol Canada Corp. www.amphenolcanada.com			
MUSBR SERIES RUGGED USB CONNECTOR, SERIES 'A' RECEPTACLE, SINGLE PORT, VERTICAL PCB TAIL, THREAD, SHELL & DUST COVER OPTIONS, RoHS COMPLIANT			
P-MUSBR-A511-XX			REV B
CODE ID NO. 03554	DWG SIZE: X	SCALE: 3:1	SHEET 3 OF 3

Mouser Electronics

Authorized Distributor

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[MUSBRA511302](#)