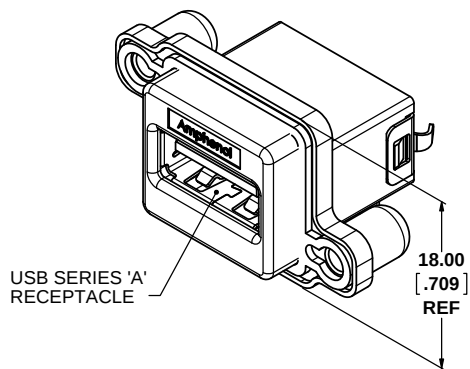
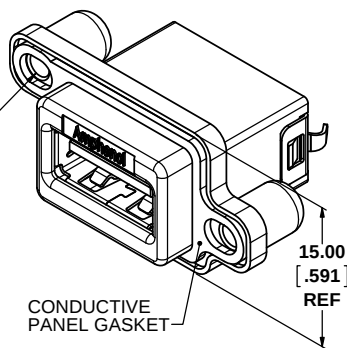
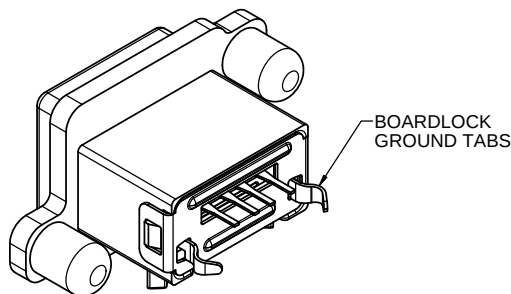
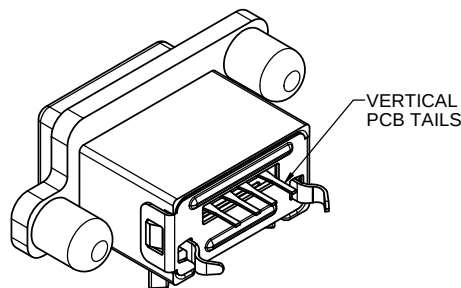
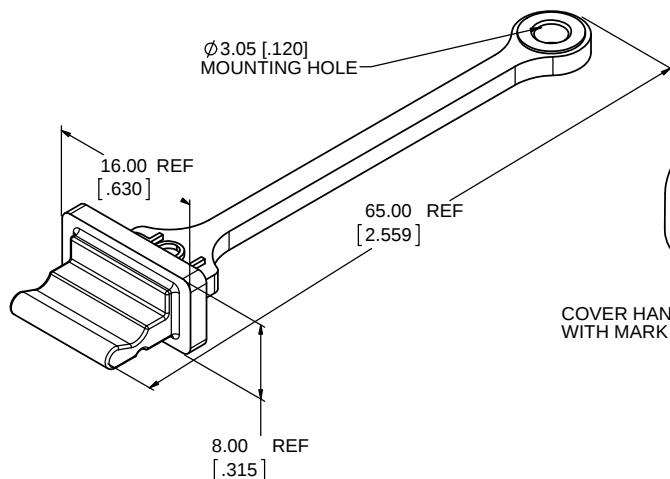
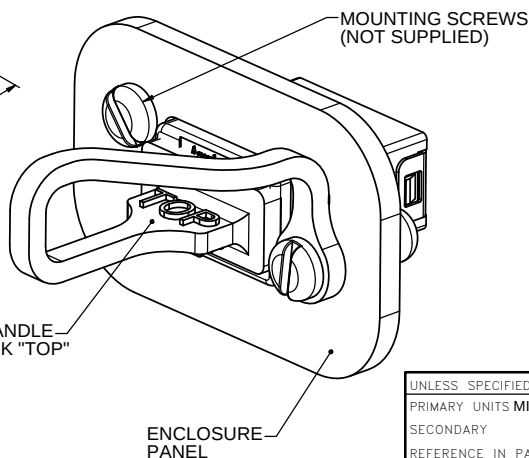


STANDARD PROFILE SHELL

LOW PROFILE SHELL

THREADED
MOUNTING
HOLESCONDUCTIVE
PANEL GASKETBOARDLOCK
GROUND TABSVERTICAL
PCB TAILSDUST COVER OPTION
SEE ORDERING CODE

DUST COVER APPLICATION VIEW

Ø3.05 [0.120]
MOUNTING HOLE16.00 REF
[0.630]65.00 REF
[2.559]8.00 REF
[0.315]COVER HANDLE—
WITH MARK "TOP"MOUNTING SCREWS
(NOT SUPPLIED)ENCLOSURE
PANELORDERING 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.

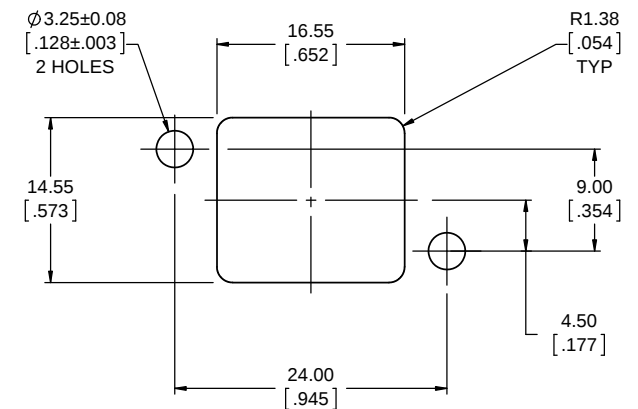
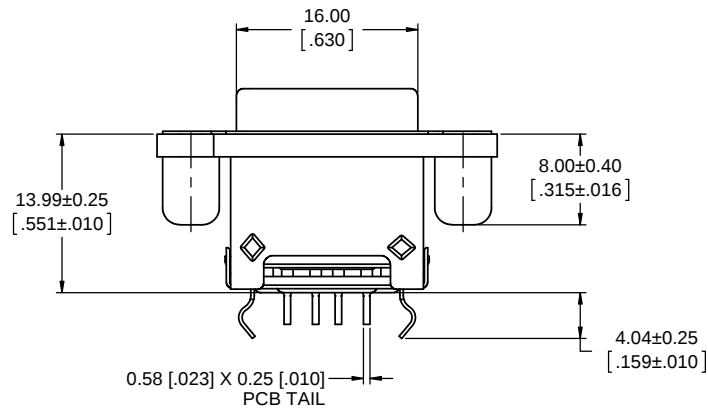
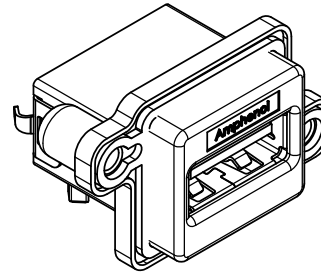
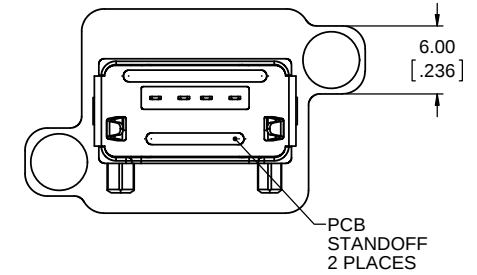
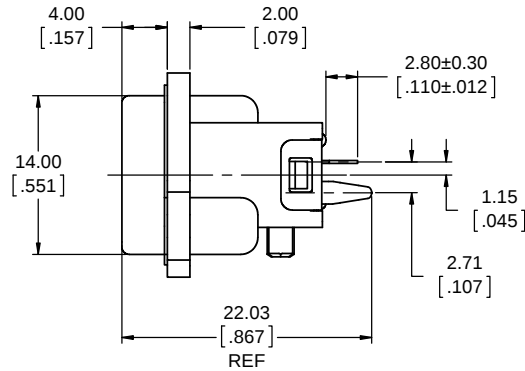
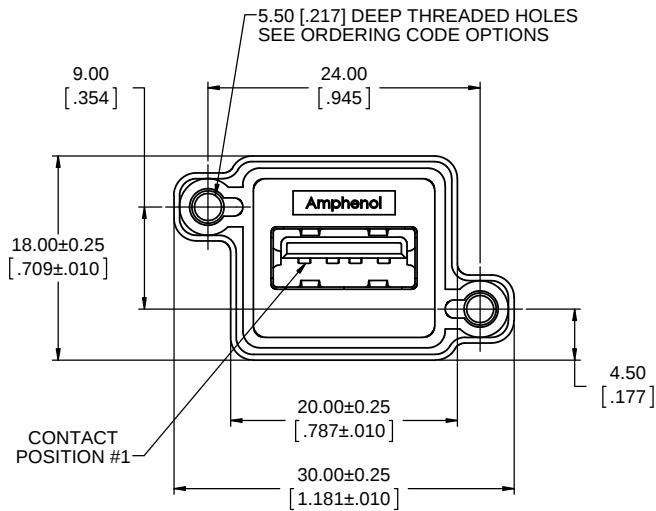
NOTES:

- MATERIAL:
 - ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC 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 +150°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

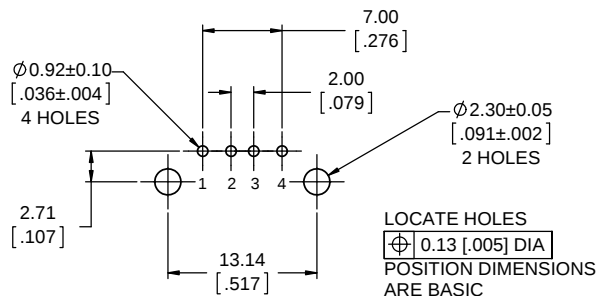
UNLESS SPECIFIED OTHERWISE	DRAWN	A.ESPIE	AUG22/12
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	K.LAMBIE	AUG27/12
1 DECIMAL PLACE	ENG. REL. NO.	ECN E14115	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD 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 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	PRODUCT DRAWING (EAR 14115)	AUG27/12	K.L.



RECOMMENDED PANEL CUTOUT
OUTSIDE VIEW OF PANEL



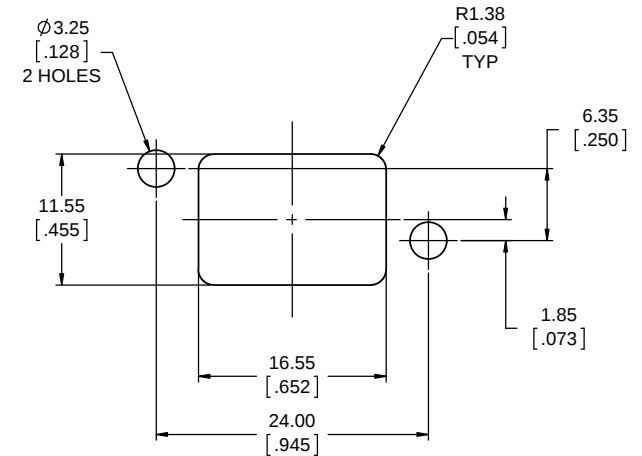
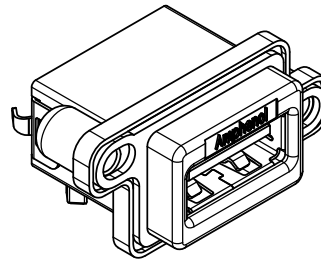
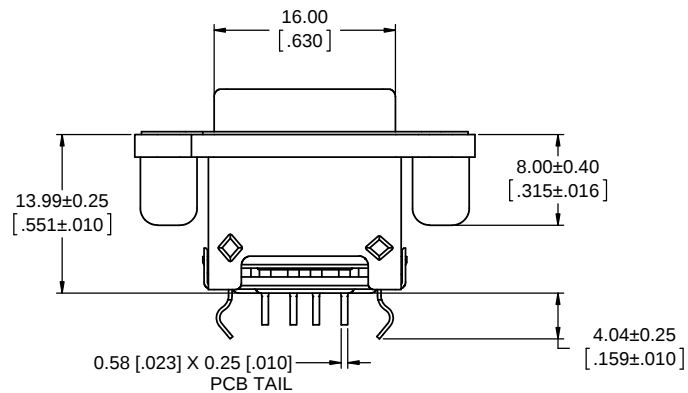
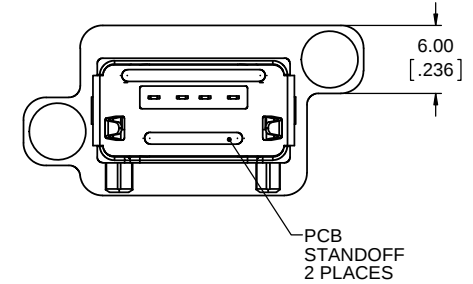
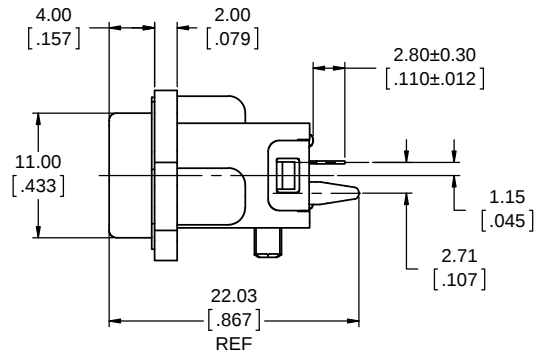
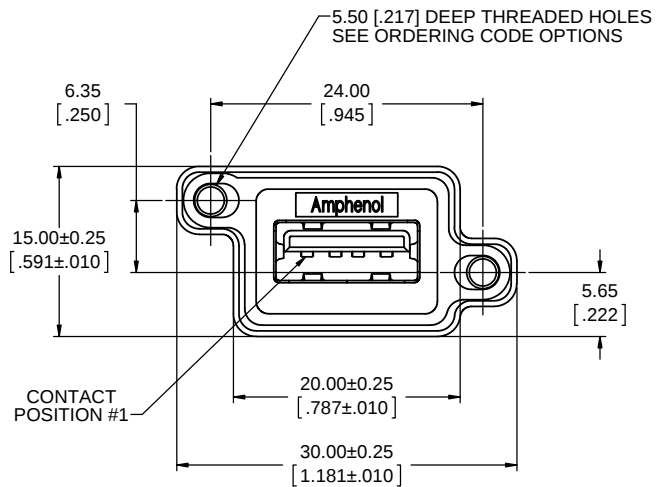
RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD



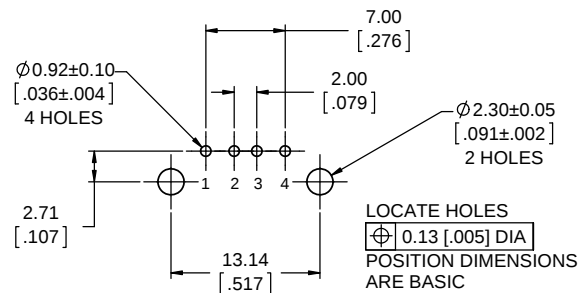
STANDARD PROFILE
SHELL SHOWN

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

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 DWG SIZE: X SCALE: 3:1 SHEET 2 OF 3	
3 DECIMAL PLACES	THIRD ANGLE PROJECTION				
ANGULAR DEGREES					



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

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

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moschip.ru_9