

REVISIONS			
REV.	DESCRIPTION, ECN, EAR NO.	DATE	APPROVED
G	PRODUCT DRAWING (EAR 13897)	JUN27/11	K.L.

ORDERING CODE: M U S B - A 5 1 1 - X X

SERIES, RUGGED USB

USB SERIES 'A' RECEPTACLE,
VERTICAL, PCB TAIL

THREAD OPTION
0=#4-40 UNC THREAD
M=M3 x 0.5 THREAD
N= M3 x 0.5 THREAD

NOTE: THERE IS NO DIFFERENCE
BETWEEN THREAD OPTIONS "M" AND "N".
USE OF "N" IS PREFERRED

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 MAY BE 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, NICKEL PLATED
 - CONTACTS - COPPER ALLOY WITH 30 MICROINCHES (0.76 MICRONS) GOLD OVER 50 MICROINCHES (1.27 MICRONS) MINIMUM NICKEL ON THE MATING AREA AND TIN ON THE CONTACT TAILS.
 - USB HOUSING - ENGINEERING THERMOPLASTIC, HIGH TEMPERATURE RESISTANT, UL FLAMMABILITY RATING 94V-0, COLOUR: BLACK
 - UBS SHIELD: COPPER ALLOY, NICKEL PLATED
 - GASKET - SILICONE RUBBER, BLACK
 - DUST COVER - SILICONE RUBBER WITH NICKEL PLATED, COPPER ALLOY BUSHING
- 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:** -40C TO +105C
- DUST COVERS MAY BE ORDERED SEPERATELY. SPECIFY**
 - MUSB-2A111-014BP FOR GREY DUST COVER
 - MUSB-2A111-024BP FOR BLACK DUST COVER**SEE PAGE 2 FOR APPLICATION VIEW.**



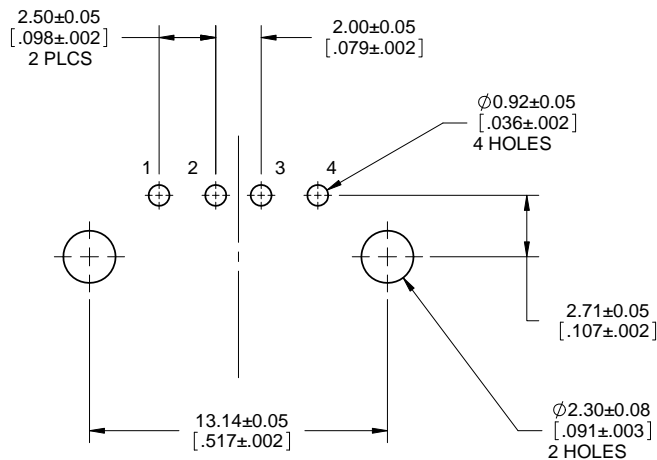
UNLESS SPECIFIED OTHERWISE		DRAWN	S.SEMENOV	DEC13/05
PRIMARY UNITS	MILLIMETERS	CHECKED	S.SEMENOV	DEC13/05
SECONDARY	INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES		Q.A. APP'D		
GENERAL TOLERANCES		DWG APPR.	K.BOUTROS	DEC13/05
1	DECIMAL PLACE	ENG. REL. NO.		
2	DECIMAL PLACES	REF.		
3	DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES		DO NOT SCALE DRAWING		

Amphenol Canada Corp.

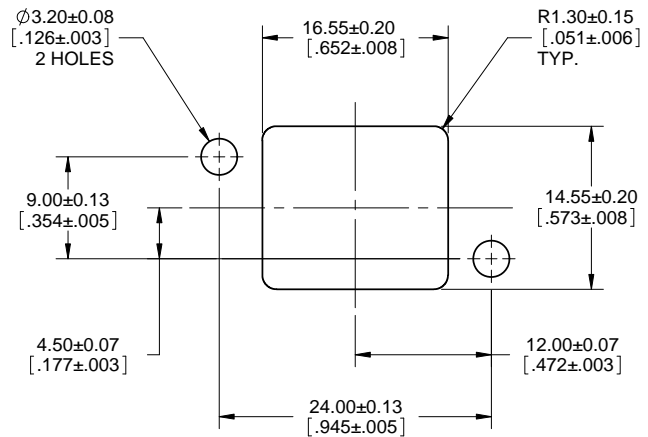
**MUSB SERIES RUGGED USB
RECEPTACLE, SERIES 'A' INTERFACE,
VERTICAL PCB MOUNT, RoHS COMPLIANT**

DWG. NO.	P-MUSB-A511-XX	REV	G
CODE ID NO. 03554	DWG SIZE: C	SCALE: 3:1	SHEET 1 OF 2

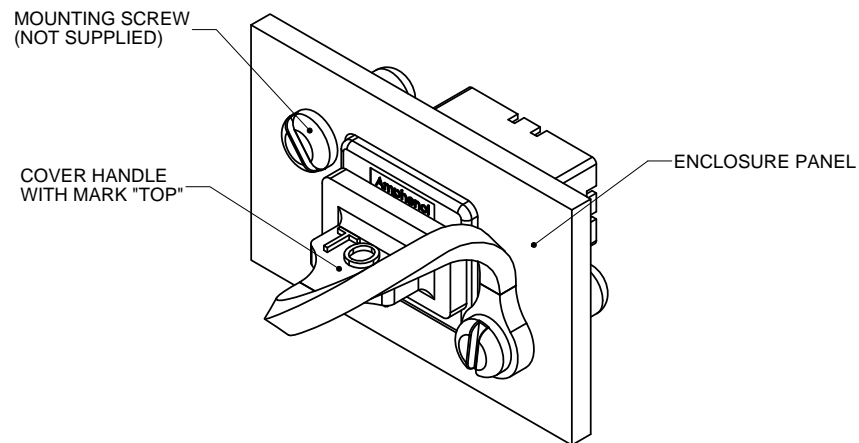
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RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL CUTOUT
(OUTSIDE FACE OF PANEL)



DUST COVER APPLICATION



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UNLESS SPECIFIED OTHERWISE		DRAWN	S.SEMENOV	DEC13/05	Amphenol Canada Corp.	
PRIMARY UNITS	MILLIMETERS	CHECKED	S.SEMENOV	DEC13/05		
SECONDARY	INCHES	M.E. APP'D				
REFERENCE IN PARENTHESES		Q.A. APP'D				
GENERAL TOLERANCES		DWG APPR.	K.BOUTROS	DEC13/05	MUSB SERIES RUGGED USB RECEPTACLE, SERIES 'A' INTERFACE, VERTICAL PCB MOUNT, RoHS COMPLIANT	
1	DECIMAL PLACE	ENG. REL. NO.				
2	DECIMAL PLACES	±0.15				
3	DECIMAL PLACES	REF.				
ANGULAR DEGREES		THIRD ANGLE PROJECTION			DWG. NO.	
					P-MUSB-A511-XX	
		DO NOT SCALE DRAWING			REV G	
		CODE ID NO. 03554		DWG SIZE: C	SCALE: 3:1	SHEET 2 OF 2