

REVISIONS			
REV.	DESCRIPTION, E.C.N., E.A.R. NO.	DATE	APPROVED
E	PRODUCT DRAWING (EAR 13488)	MAR11/09	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

DUST COVER OPTION
0=NO DUST COVER SUPPLIED
1=WITH GREY DUST COVER SUPPLIED
5=WITH BLACK DUST COVER SUPPLIED

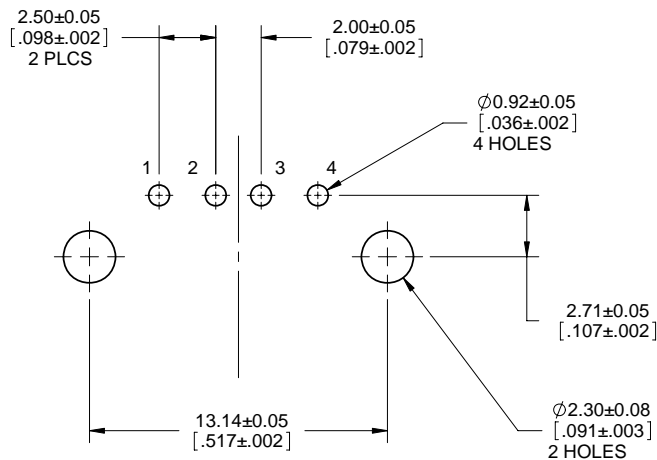


NOTES:

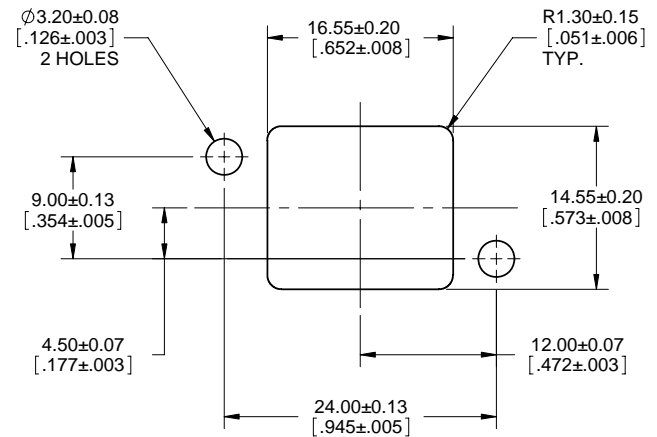
- MATERIAL:**
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS
 - OUTER SHELL - DIECAST ZINC, NICKEL PLATED
 - CONTACTS - COPPER ALLOY WITH 30 MICROINCHES (0.76 MICRONS) GOLD OVER 50 MICROINCHES (1.27 MICRONS) MINIMUM NICKEL ON THE MATING AREA AND TIN ON THE CONTACT TAILS.
 - 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	Amphenol Canada Corp. MUSB SERIES RUGGED USB RECEPTACLE, SERIES 'A' INTERFACE, VERTICAL PCB MOUNT, RoHS COMPLIANT	
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	DWG. NO. P-MUSB-A511-XX REV E	
1	DECIMAL PLACE	ENG. REL. NO.				
2	DECIMAL PLACES	REF.				
3	DECIMAL PLACES	THIRD ANGLE PROJECTION				
ANGULAR DEGREES		DO NOT SCALE DRAWING			CODE ID NO. 03554 DWG SIZE: C SCALE: 3:1 SHEET 1 OF 2	

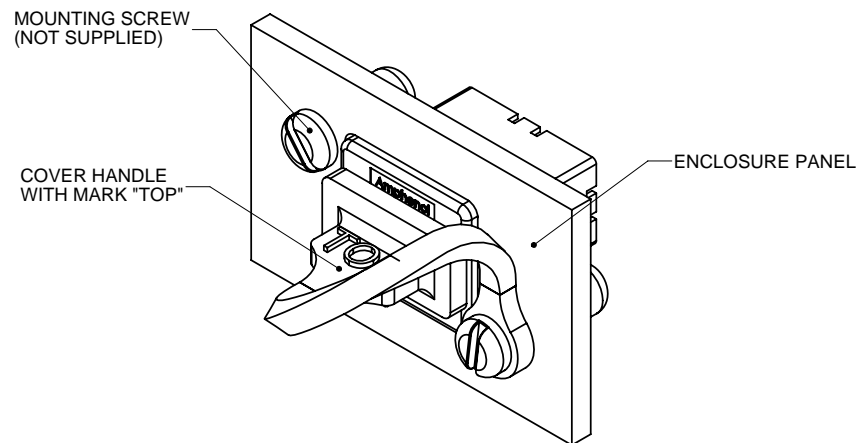
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RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL CUTOUT
(OUTSIDE FACE OF PANEL)



DUST COVER APPLICATION



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

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