

ORDERING CODE: M U S B - K 1 5 2 - X X

SERIES, RUGGED USB
USB 'MICRO-AB' RECEPTACLE, SINGLE PORT, RIGHT ANGLE PCB TAILS

THREAD OPTION
3= #2-56 UNC THREAD
M= M2.5 X 0.45 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:

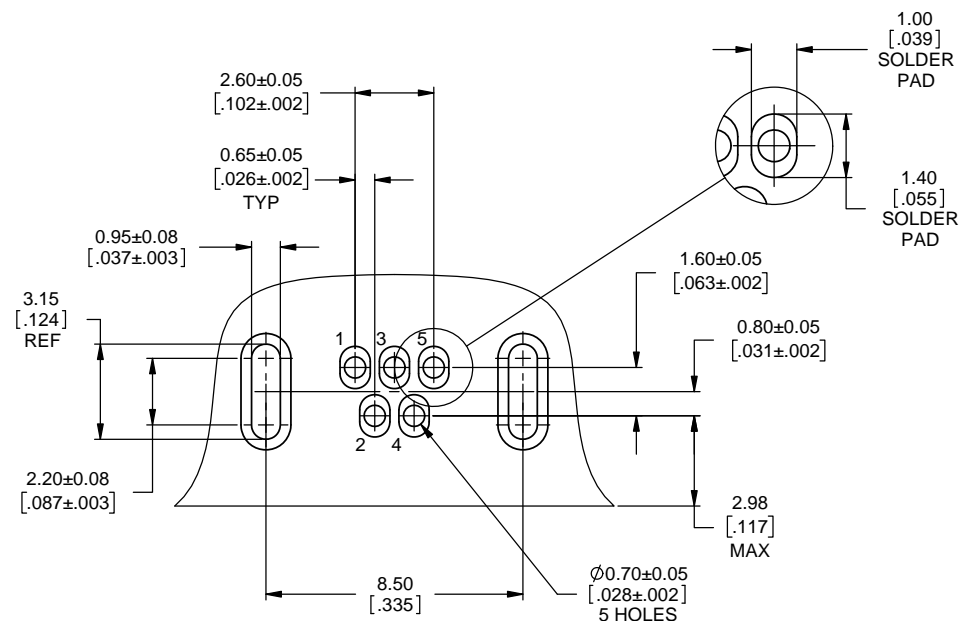
- MATERIAL:**
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS
 - OUTER SHELL: DIE CAST ZINC ALLOY, NICKEL PLATED
 - CONTACTS: COPPER ALLOY, PLATED WITH 0.76µm [30µ"] GOLD OVER 1.27µm [50µ"] MINIMUM NICKEL ON THE MATING AREA WITH MATTE TIN OVER NICKEL ON THE TAILS.
 - USB HOUSING: ENGINEERING THERMOPLASTIC, FLAMMABILITY RATING UL94V-0, GREY.
 - USB SHELL & REAR SHIELD: STAINLESS STEEL, PASSIVATED.
 - PANEL GASKET: PORON, BLACK.
- ENVIRONMENTAL PERFORMANCE** PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA & PCB SIDE OF CONNECTOR. GASKET PROVIDES SEAL TO INSIDE FACE OF ENCLOSURE PANEL. AVAILABLE DUST COVER PROVIDES ADDED PROTECTION. SEE SHEET 2 FOR APPLICATION VIEW.
- CURRENT RATING:** 1 A FOR SIGNAL POSITIONS 2, 3 & 4 OR 1.8 A FOR POWER POSITIONS 1 & 5 WITH 0.5 A ON SIGNAL LINES.
- CONTACT RESISTANCE:** 30 MILLIOHMS MAXIMUM.
- OPERATING TEMPERATURE:** -40°C TO +105°C.
- DUST COVERS MAY BE ORDERED SEPARATELY. SPECIFY**
 - PART NUMBER MUSB-2K15-005BP FOR GREY DUST COVER
 - PART NUMBER MUSB-2K15-015BP FOR BLACK DUST COVER



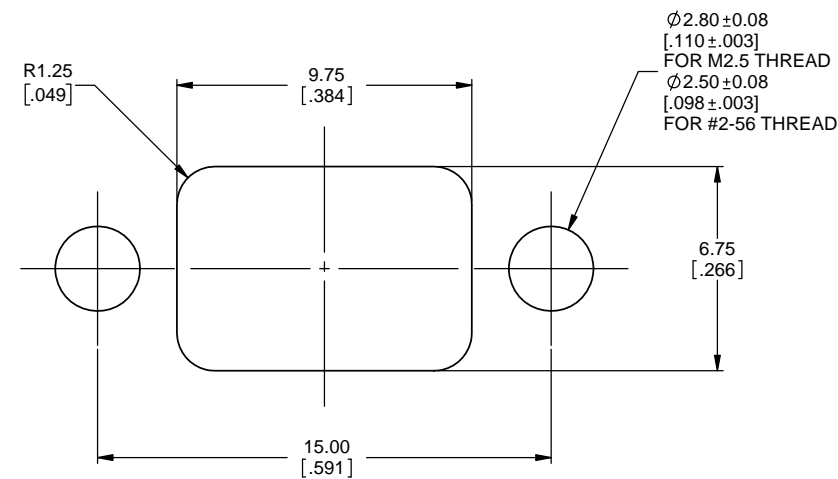
UNLESS SPECIFIED OTHERWISE	DRAWN	M.SHAH	MAY25/11
PRIMARY UNITS MILLIMETERS	CHECKED	K.LAMBIE	MAY25/11
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 13873	
2 DECIMAL PLACES ±0.15	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES			

Amphenol Canada Corp. www.amphenolcanada.com			
MUSB SERIES RUGGED MICRO-AB USB RECEPTACLE, RIGHT ANGLE PCB MOUNT, RoHS COMPLIANT			
DWG. NO.	P-MUSB-K152-XX		
CODE ID NO. 03554	DWG. SIZE: X	SCALE: 6:1	SHEET 1 OF 2

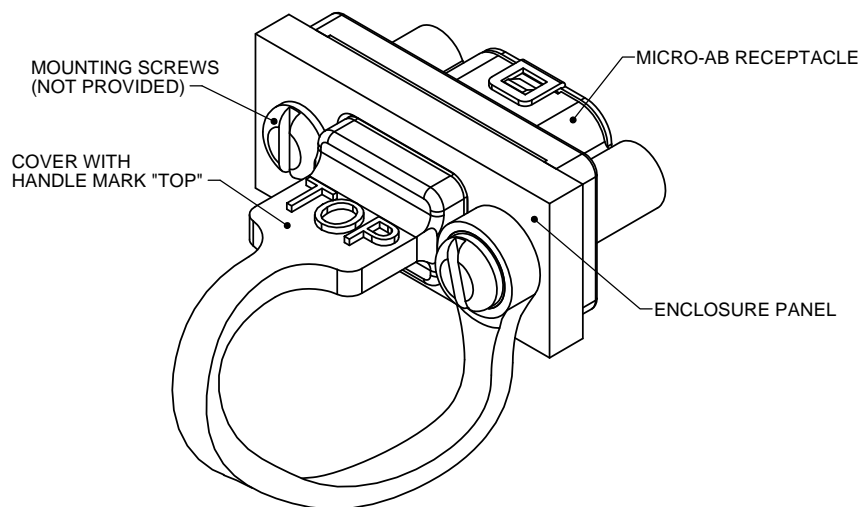
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
F	REV PER EAR 14388	AUG25/14	K.L.
G	REV PER EAR 14698	TBD	K.L.



RECOMMENDED P.C.B. LAYOUT
COMPONENT SIDE OF BOARD



RECOMMENDED PANEL CUTOUT



DUST COVER APPLICATION



UNLESS SPECIFIED OTHERWISE		DRAWN	M.SHAH	MAY25/11	Amphenol Canada Corp. www.amphenolcanada.com MUSB SERIES RUGGED MICRO-AB USB RECEPTACLE, RIGHT ANGLE PCB MOUNT, RoHS COMPLIANT	
PRIMARY UNITS	MILLIMETERS	CHECKED	K.LAMBIE	MAY25/11		
SECONDARY	INCHES	M.E. APP'D				
REFERENCE IN PARENTHESES		Q.A. APP'D				
GENERAL TOLERANCES		DWG APPR.			DWG. NO. P-MUSB-K152-XX	
1 DECIMAL PLACE		ENG. REL. NO.	EAR 13873			
2 DECIMAL PLACES	±0.15	REF.			CODE ID NO. 03554 DWG SIZE: X SCALE: 6:1 SHEET 2 OF 2	
3 DECIMAL PLACES		THIRD ANGLE PROJECTION				
ANGULAR DEGREES					REV G	