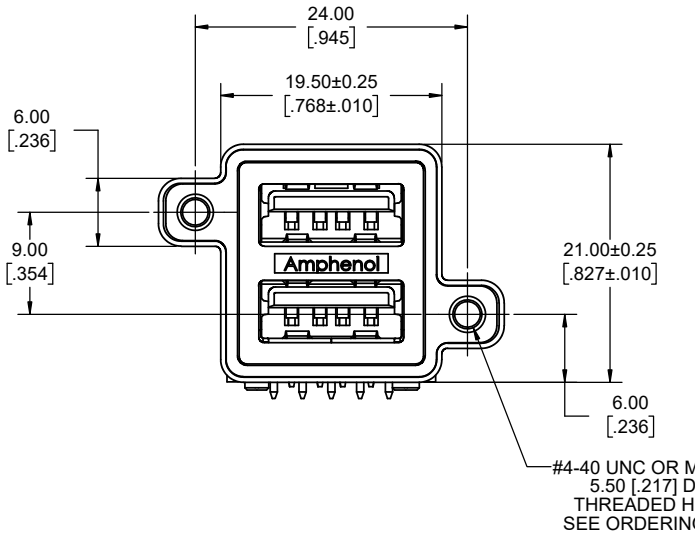
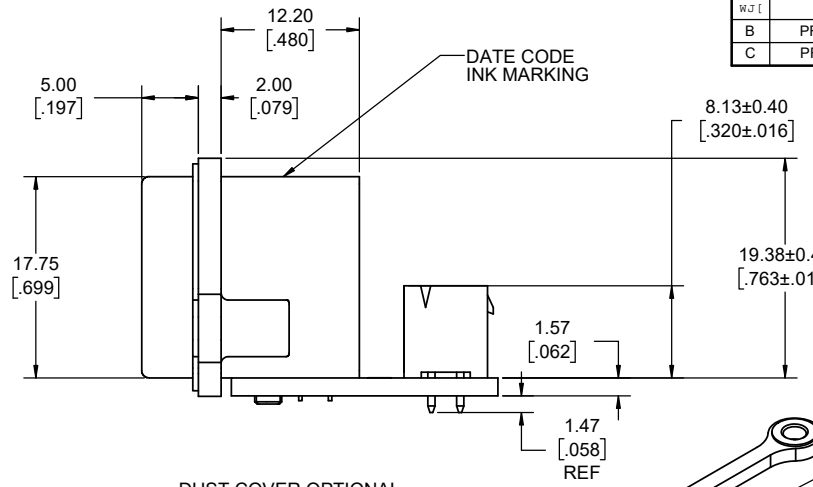
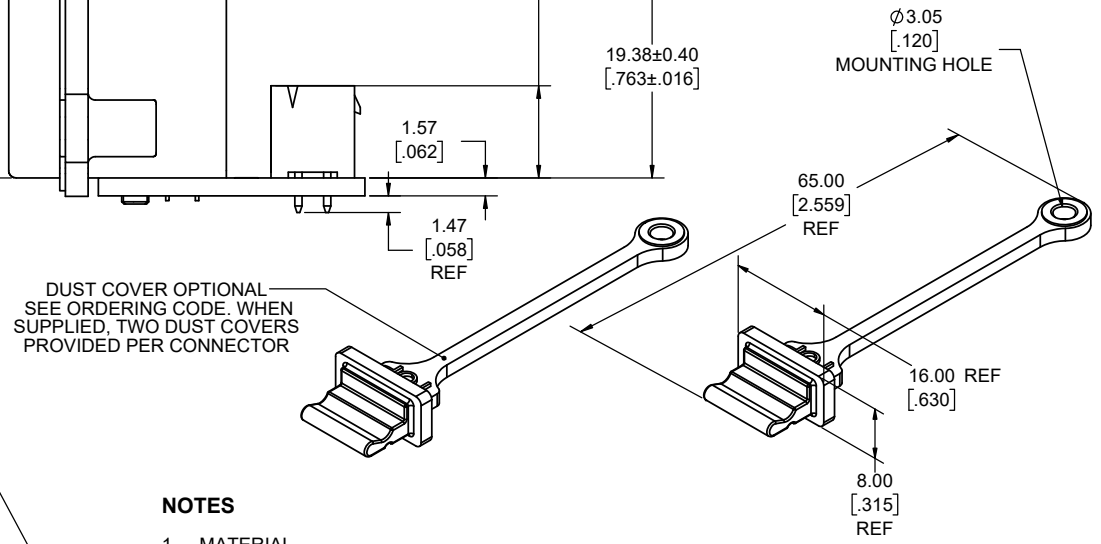
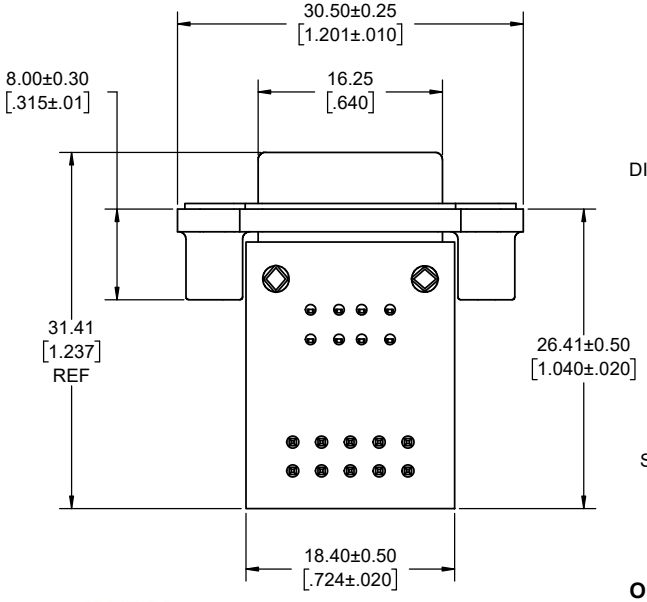
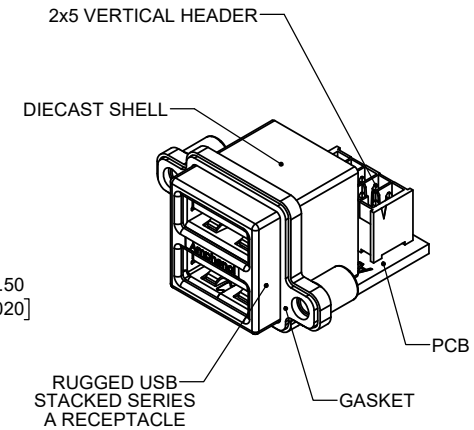
| WJ[ | IJXHWNUYNTS2 JHS2 JFW ST3 | IPYJ | FUU-I |
|---|---|---|---|
| B | PRODUCT DRAWING (EAR 14313) | OCT16/14 | A.G. |
| C | PRODUCT DRAWING (EAR 15427) | JAN31/24 | K.L. |




## NOTES

1. MATERIAL
   - ALL MATERIALS USED ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
   - OUTER SHELL - DIECAST ZINC ALLOY, NICKEL PLATED.
   - CONTACTS - PHOSPHOR BRONZE, PLATED WITH 0.76 MICRONS (30 MICROINCHES) GOLD OVER 1.27 MICRONS (50 MICROINCHES) MINIMUM NICKEL ON THE MATING AREA WITH MATTE TIN OVER NICKEL ON THE TAILS.
   - USB HOUSING - ENGINEERING THERMOPLASTIC, FLAMMABILITY RATING UL94V-0, BLACK.
   - USB SHIELD & BACK COVER - COPPER ALLOY, NICKEL PLATED.
   - GASKET - SILICONE RUBBER, BLACK.
   - PCB - FR4 FIBREGLASS, LEAD FREE.
   - HEADER - VERTICAL 2x5 NATURAL COLOR THERMOPLASTIC HOUSING, COPPER ALLOY CONTACT WITH GOLD ON MATING AREA AND TIN PLATED TAILS, SAMTEC IPL1 SERIES (WITH KEYED POLARIZATION) OR EQUIVALENT.
   - DUST COVER - SILICONE RUBBER WITH NICKEL PLATED BRASS BUSHING. SEE ORDERING CODE FOR DUST COVER OPTIONS.
2. 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 COVERS PROVIDE ADDITIONAL PROTECTION.
3. CURRENT RATING: 1.5 AMPERES
4. CONTACT RESISTANCE: 70 MILLIOHMS MAXIMUM (SUBJECT TO VERIFICATION)
5. OPERATING TEMPERATURE: -40°C TO +105°C
6. DUST COVERS MAY BE ORDERED SEPARATELY, SPECIFY
   - MUSB-2A111-014BP FOR GREY DUST COVER
   - MUSB-2A111-024BP FOR BLACK DUST COVER

   SEE SHEET 2 FOR APPLICATION VIEW

**ORDERING CODE: M U S B - C D 1 1 - X X**

- SERIES RUGGED USB
- USB STACKED SERIES 'A' RECEPTACLE, RIGHT ANGLE ON PCB WITH 2x5 VERTICAL HEADER
- THREAD OPTION
  3 = #4-40 UNC THREAD
  M= M3 x 0.5 THREAD
- DUST COVER OPTION
  0 = NO DUST COVERS SUPPLIED
  1 = WITH GREY DUST COVERS SUPPLIED
  5 = WITH BLACK DUST COVERS SUPPLIED

**SPECIAL CONNECTORS**
MANY UNIQUE FEATURES ARE READILY AVAILABLE TO SUIT CUSTOMER REQUIREMENTS. CONSULT WITH AMPHENOL CANADA FOR DETAILS

| | | |
|---|---|---|
| ZSQJXX XUJHNKNJI TYMJW\NKJ | IWF\S A. HUANG | OCT06/14 |
| UWNRFW^ ZSNX MILLIMETERS | HMJHPJI | |
| XJHTSIFW^ INCHES | RJJ3 FUU-I | |
| WJKJWJSHJ NS UFWJSYMJXJX | V3F3 FUU-I | |
| LJSJWFQ YTQJWFSHJX | I\L FUUW3 K.LAMBIE | OCT16/14 |
| 6 IJHNRFQ UQFHJ | JSL3 WJQ3 ST3 | |
| 7 IJHNRFQ UQFHJX ±0.15 | WJK3 | |
| 8 IJHNRFQ UQFHJX | YMNWI FSLQJ UWTOJHYNTS | IT STY XHFQJ IWF\NSL |

**Amphenol Canada Corp.**
|||3fr umjstqhfsfif3htr

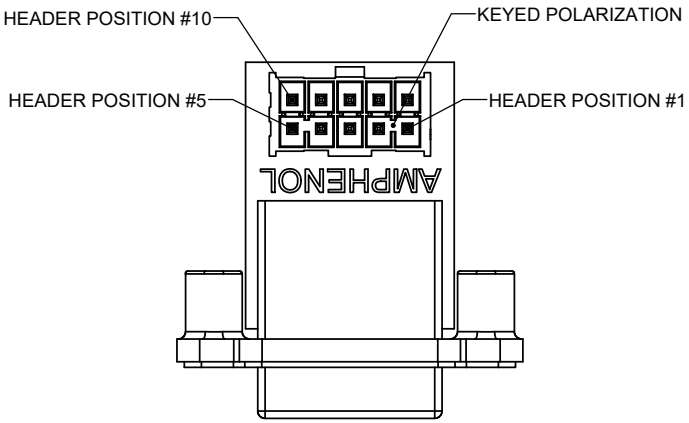
MUSB SERIES USB RECEPTACLE, SERIES A STACKED, ON PCB WITH 2x5 VERTICAL HEADER, THREAD & DUST COVER OPTIONS, RoHS COMPLIANT

I\L3 ST3 P-MUSB-CD11-XX WJ[ C

HTIJ NI ST3 03554 | I\L XNJ?X | XHFQJ?NTS | XMJJY 1 TK 2

YMNK ITHZRJSY HTSYFNSX UWTUWNJYFW^ NSKTWRFYNTS FSI XZHM NSKTWRFYNTS RF^ STY GJ INXHQTXJI YT TYMJWX KTW FS^ UZWUTXJ TW ZXJI KTW RFSZKFHYZWNSL UZWUTXJX \NMTZY \WNYJS UJWRNXXNTS KWTR FRUMJSTQ HFSFIF HTWU3

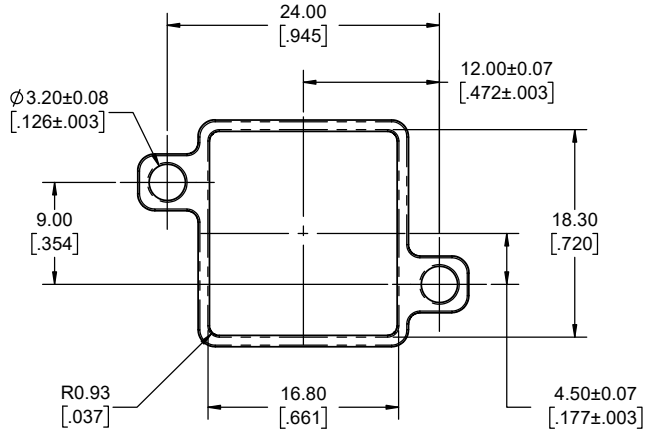
| WJ[ | IJXHWNUYNTS2 JHS2 JFW ST3 | IPYJ | FUU-I |
|---|---|---|---|
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| C | PRODUCT DRAWING (EAR 15427) | JAN31/24 | K.L. |



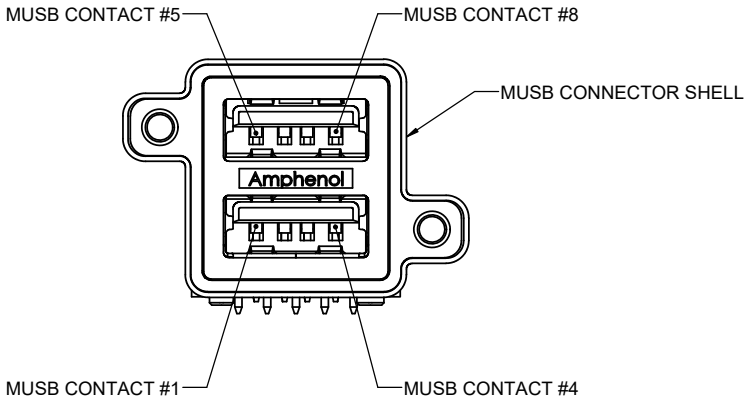

**HEADER CONTACT ASSIGNMENT**

**MUSB TO HEADER CONNECTION CHART**

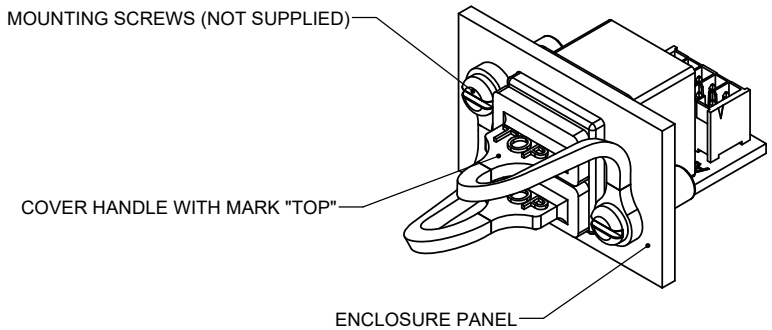
| MUSB CONNECTOR CONTACTS | HEADER POSITION |
|---|---|
| 1 | 5 |
| 2 | 4 |
| 3 | 3 |
| 4 | 2 |
| 5 | 9 |
| 6 | 8 |
| 7 | 7 |
| 8 | 6 |
| SHELL/GROUND | 1 & 10 |




**RECOMMENDED PANEL CUTOUT VIEW**
OUTSIDE VIEW OF PANEL




**MUSB CONTACT ASSIGNMENT**




**DUST COVER APPLICATION VIEW**

AMPHENOL CANADA CORP
RoHS COMPLIANT
2011/65/EU RECAST

| | | | |
|---|---|---|---|
| ZSQJXX XUJHNKNJI TYMJW\NKJ | IWF\S A. HUANG | OCT06/14 | **Amphenol Canada Corp.** |
| UWNRFW^ ZSNYX MILLIMETERS | HMJHPJI | | \|\|\| 3fr umjstqhfsfif3htr |
| XJHTSIFW^ INCHES | RJJ3 FUU-I | | MUSB SERIES USB RECEPTACLE, SERIES A STACKED, ON PCB WITH 2x5 VERTICAL HEADER, THREAD & DUST COVER OPTIONS, RoHS COMPLIANT |
| WJKJWJSHJ NS UFWJSYMJXJX | V3F3 FUU-I | | |
| LJSJWFQ YTQJWFSHJX | I\L FUUW3 K. LAMBIE | OCT16/14 | |
| 6 IJHNRFQ UQFHJ | JSL3 WJQ3 ST3 | | |
| 7 IJHNRFQ UQFHJX ±0.15 | WJK3 | | I\L3 ST3 P-MUSB-CD11-XX WJ[ C |
| 8 IJHNRFQ UQFHJX | YMNWI FSLQJ UWTOJHYNTS | IT STY XHFQJ IWF\NSL | HTIJ NI ST3 03554 I\L XNJ?X XHFQJ?NTS XMJJY 2 TK 2 |
| FSLZQFW IJLWJJX | | | |

YMNK ITHZRJSY HTSYFNSX UWTUWNJYFW^ NSKTWRFYNTS FSI XZHM NSKTWRFYNTS RF^ STY GJ INXHQTXJI YT TYMJWX KTW FS^ UZWUTXJ TW ZXJI KTW RFSZKFHYZWNSL UZWUTXJX \NMTZY \WNYYJS UJWRNXXNTS KWTR FRUMJSTQ HFSFIF HTWU3