NOTES:

1. 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

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

3. ORDERING CODE: MUSB-K152-XX
   SERIES, RUGGED USB
   USB 'MICRO-AB' RECEPTACLE, SINGLE
   PORT, RIGHT ANGLE PCB TAILS
   THREAD OPTION:
   3= #2–56 UN C 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

4. CODE OPTIONS
   5=WITH BLACK DUST COVER SUPPLIED
   • AVAILABLE TO SUIT CUSTOMER REQUIREMENTS.
   PART NUMBER MUSB-K152-005BP FOR GREY DUST COVER
   CONSULT WITH AMPHENOL CANADA FOR DETAILS.

5. PART NUMBER MUSB-K152-015BP FOR BLACK DUST COVER

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

7. 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

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

9. PART NUMBER MUSB-K152-005BP FOR GREY DUST COVER
   CONSULT WITH AMPHENOL CANADA FOR DETAILS.

10. PART NUMBER MUSB-K152-015BP FOR BLACK DUST COVER

11. SPECIAL CONNECTORS:
   MANY UNIQUE FEATURES ARE READILY
   AVAILABLE TO SUIT CUSTOMER REQUIREMENTS. CONSULT WITH AMPHENOL CANADA FOR DETAILS.
RECOMMENDED P.C.B. LAYOUT
COMPONENT SIDE OF BOARD

MOUNTING SCREWS (NOT PROVIDED)

COVER WITH HANDLE MARK "TOP"

MICRO-AB RECEPTACLE

ENCLOSURE PANEL

RECOMMENDED PANEL CUTOUT

ENCLOSURE PANEL (NOT PROVIDED)
MOUNTING SCREWS

COVER WITH HANDLE MARK "TOP"

MICRO-AB RECEPTACLE

DUST COVER APPLICATION

RoHS COMPLIANT

MUSB SERIES RUGGED MICRO-AB USB RECEPTACLE, RIGHT ANGLE PCB MOUNT,