SERIES, RUGGED USB

USB SERIES 'A' RECEPTACLE, SINGLE PORT, RIGHT ANGLE PCB TAIL

SHELL & THREAD OPTION
3 = STD. PROFILE, #4-40 UNC THREAD
4 = LOW PROFILE, #4-40 UNC THREAD
M = STD. PROFILE, M3 X 0.5 THREAD
R = LOW PROFILE, 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

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

NOTES:
1. MATERIAL:
   a. ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS
   b. OUTER SHELL - DIECAST ZINC ALLOY, NICKEL PLATED
   c. CONTACTS - PHOSPHOR BRONZE, PLATED WITH 0.76 µm (30 µ") GOLD OVER 1.27 µm (50 µ") NICKEL ON THE MATING AREA WITH MATTE TIN PLATING ON THE TAILS.
   d. USB HOUSING - ENGINEERING THERMOPLASTIC, HIGH TEMPERATURE RESISTANT, FLAMMABILITY RATING UL94V-0, BLACK.
   e. USB SHIELD & BACK COVER - STAINLESS STEEL, PASSIVATED
   f. PANEL GASKET - CONDUCTIVE SILICONE RUBBER, BLACK
   g. DUST COVER - SILICONE RUBBER WITH NICKEL PLATED BRASS BUSHING. SEE ORDERING CODE FOR DUST COVER COLOUR OPTIONS.
   h. 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.
   i. CURRENT RATING: 1.5 AMPERES
   j. CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM.
   k. OPERATING TEMPERATURE: -40°C TO +105°C.
   l. DUST COVERS MAY BE ORDERED SEPARATELY. SPECIFY
      • PART NUMBER MUSB-2A111-014BP FOR THE GREY COVER OR
      • PART NUMBER MUSB-2A111-024BP FOR THE BLACK COVER.

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 COVER PROVIDES ADDED PROTECTION.

3. CURRENT RATING: 1.5 AMPERES

4. CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM.

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   • PART NUMBER MUSB-2A111-014BP FOR THE GREY COVER OR
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