USB 3.0 A FEEDTHROUGH RECEPTACLE

NOTES

GENERALLY TO THE REQUIREMENTS OF MIL-DTL-38999
MATES WITH AMPHENOL USBFTV AND USB3FTV

MATERIALS

USB 3.0 A INSERT
CONTACT AREA 0.76um Au OVER 1.27-2.54um Ni
SHIELDING - TIN PLATED BRASS
BODY - LCP, UL94V-0
PCB - FR4, UL94V-0
SEAL - SILICONE ELASTOMER
INSULATOR - PPS GL40 UL94
POTTING - RTV3140 UL34V-0

PERFORMANCE

CURRENT RATING - PINS 1 AND 4 - 1.8 AMP MAX
- OTHER PINS - 0.25A MAX
DATA RATE - UP TO 5Gbit/s FOR SUPERSPEED USB
VOLTAGE RATING 30V AC
TEMPERATURE -20°C TO +85°C
5000 MATING CYCLES MAX (USB 3.0 CONNECTOR ONLY)
SHELL - MATING CYCLES 500 MAX
SEALED TO IP68 WHEN MATED

CUSTOMER APPROVAL

ORDERS CANNOT BE PLACED AGAINST ALPHA ISSUED DRAWINGS.
ON RECEIPT OF CUSTOMER APPROVAL, THE DRAWING STATUS WILL BE RAISED TO ISSUE 1.

LIST NOT EXHAUSTIVE, FOR COMPREHENSIVE LIST AND SPECS, SEE WEBSITE

PART NUMBER:

CODE MATERIAL / FINISH
1-C ALUMINIUM / ELECTROLESS NICKEL
1-B ALUMINIUM / CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
1-ZB ALUMINIUM / ZINC COBALT OLIVE DRAB OVER ELECTROLESS NICKEL
1-ZK ALUMINIUM / ZINC COBALT BLACK OVER ELECTROLESS NICKEL
1-ZN ALUMINIUM / ZINC NICKEL BLACK PASSIVATE OVER ELECTROLESS NICKEL
4-J STAINLESS STEEL / PASSIVATE
2-Z NICKEL ALUMINIUM BRONZE / SHOT BLAST

ASSY USED ON: USB 3.0 D38999/20

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PC4F0086-15NX-x-x

PART NUMBER: PC4F0086-15NX-x-x

ASSY USED ON: USB 3.0 D38999/24

NOTE:
USB 3.0 A FEEDTHROUGH JAM NUT RECEPTACLE

DRAWN: 27/05/2015
DESIGN APPR: 27/05/2015
SALES APPR: 27/05/2015
QUAL APPR: 27/05/2015
 ISSUE 1

WEIGHT
NCAGE CODE U5792

POLAMCO LTD, WESTON LOCK,
LOWER BRISTOL ROAD
BATH BA2 1EF

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