

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

MATERIALS USB 3.0 A INSERT CONTACT AREA 0,76µm Au OVER 1,27-2,54 µm Ni SHIELDING - TIN PLATED BRASS BODY - LCP, UL94V-0

PCB - FR4, UL94V-0 SEAL - SILICONE ELASTOMER INSULATOR - PPS GL40 UL94 POTTING - RTV3140 UL94V-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							
COMPANY	NAME	SIGNATURE D					

<u>PC4B0100</u> -15NX-1-0	2
SERIES —	
SHELL SIZE —	
KEY ARRANGEMENT (N, A, B, C, D, E)	
INSERT ROTATION (X = 0°, Y = 90°, Z = 270°)	
MATERIAL AND PLATING (SEE TABLE)	

M22x1 - 6g TO SUIT 'H' INTERFACE

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

ORDERS CANNOT BE PLACED AGAINST ALPHA ISSUED DRAWINGS. WILL BE RAISED TO ISSUE 1.

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

DRAWN R.S. DATE 28/05/2015 SALES APPR J.C. 28/05/2015 DESIGN M.PAUL UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/-1* QUAL APPR ISSUE REV. DCR B NCAGE CODE U5792 WEIGHT STR. ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/-1* MATERIAL SEE PART NUMBER BREAKDOWN FINISH SEE PART NUMBER BREAKDOWN	ON RECEIPT OF COSTOMER APPROVAL, THE DRAWING STATUS						ING STATUS W
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NCACE CODE HE 700 WEIGHT SEE PART NUMBER	ISSUE			DC	R		
	В						
BILLARBOWN	NCAG	NCAGE CODE U5792			WEIGHT		

PART NUMBER:

TITLE:

USB 3.0 A FEEDTHROUGH RECEPTACLE

ASSY USED ON: USB 3.0 D38999/20

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DRAWING NO: SHT

C6121

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