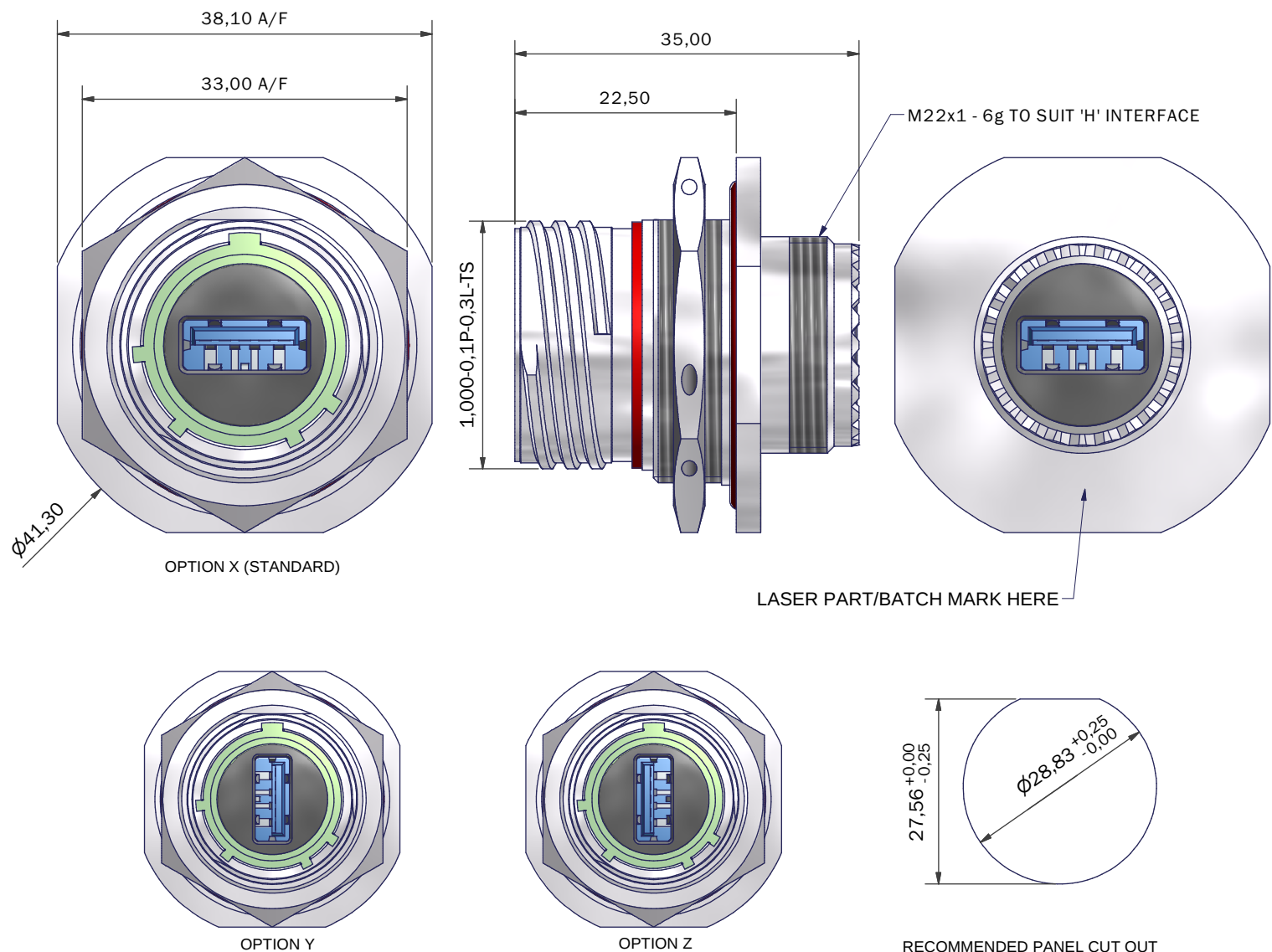




NOTES
GENERALLY TO THE REQUIREMENTS OF MIL-DTL-38999
MATES WITH AMPHENOL USBFTV AND USB3FTV

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

PC4F0086-15NX-1-C

SERIES
SHELL SIZE
KEY ARRANGEMENT (N, A, B, C, D, E)
INSERT ROTATION (X = 0°, Y = 90°, Z = 270°)
MATERIAL AND PLATING (SEE TABLE)

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

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

DRAWN	R.S.	DATE	27/05/2015	 3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°
SALES APPR	J.C.	DATE	27/05/2015	
DESIGN APPR	M.PAUL	DATE	28/05/2015	
PROD APPR	K.S.	DATE	28/05/2015	
QUAL APPR	P.REES	DATE	28/05/2015	MATERIAL SEE PART NUMBER BREAKDOWN FINISH SEE PART NUMBER BREAKDOWN
ISSUE	REV.	DCR		
1				
NCAGE CODE U5792		WEIGHT		

PART NUMBER:

PC4F0086-15NX-x-x

TITLE:

USB 3.0 A FEEDTHROUGH JAM NUT RECEPTACLE

ASSY USED ON: USB 3.0 D38999/24

THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF POLAMCO LTD
IT MUST NOT BE COPIED, USED FOR MANUFACTURE OR OTHERWISE
DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY.

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

SHT
1



DRAWING NO:
C6200

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[PC4F0086-15NY-1-B](#) [PC4F0086-15NZ-1-C](#)