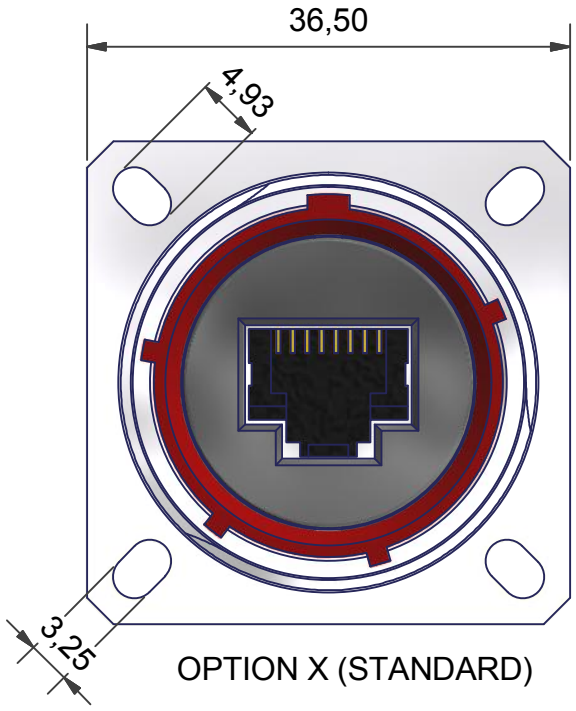
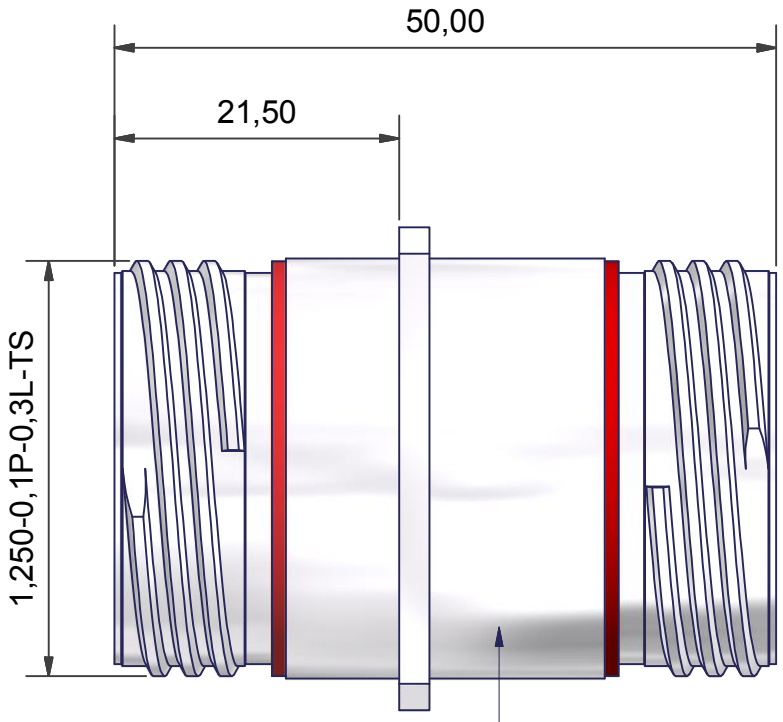
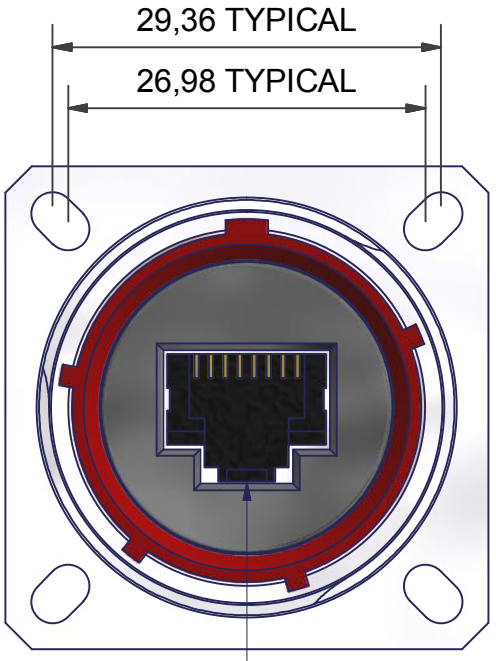
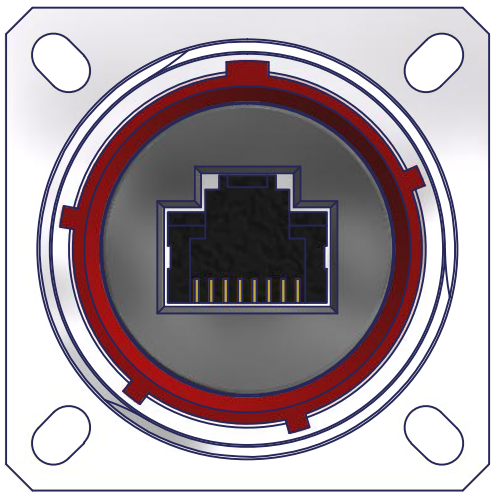


OPTION X (STANDARD)



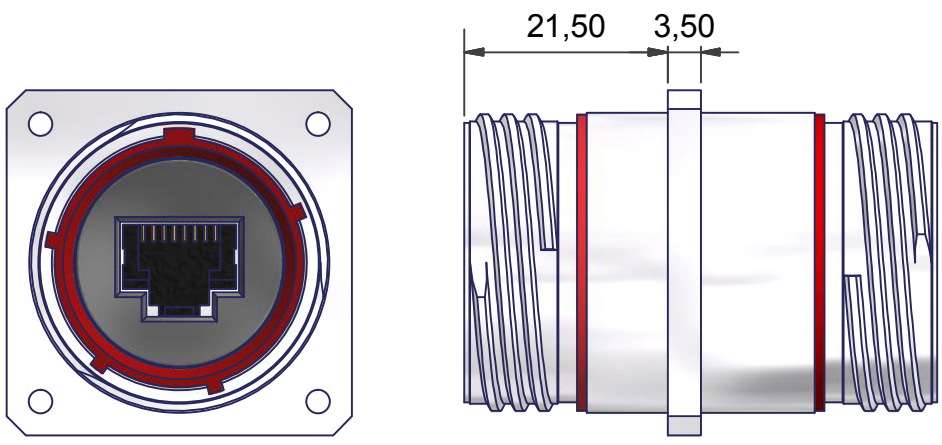
LASER PART/BATCH MARK HERE





OPTION Y

RJ45 CAT6a FEEDTHROUGH CONNECTOR GROUNDED TO OUTER SHELL
DATA TRANSFER RATE TESTED TO 10 GIGABIT
PRESSURE TESTED TO 1 BAR (UNMATED)
CONTACT SALES OFFICE FOR TEST RESULTS



-003 OPTION 4 OFF HOLES TAPPED M3x0,5

PC4B0032-19NX-1-C(-003)

- SERIES
- SHELL SIZE
- KEY ARRANGEMENT (N, A, B, C, D, E)
- INSERT ROTATION (X, Y)
- MATERIAL AND PLATING (SEE TABLE)
- (M3 TAPPED HOLE OPTION)

NOTES
MIL-DTL-38999 STYLE
MATES WITH AMPHENOL RJFTV

MATERIALS
RJ45
CONTACTS COPPER WITH SELECTIVE GOLD PLATE
SHIELDING - NICKEL PLATED BRASS
BODY - PA, UL94V-0
PCB - FR4, UL94V-0

SEAL - SILICONE ELASTOMER
INSULATOR - PPS GL40 UL94, COLOUR BLACK
POTTING - QSIL 550 UL94V-0
PERFORMANCE
VOLTAGE RATING 50V DC / 35V AC
TEMPERATURE -40°C TO +120°C

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	M.PAUL	DATE 12/04/2017	3RD ANGLE PROJECTION NOT TO SCALE
SALES APPR	ADP	12/04/2017	
DESIGN APPR			UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°
PROD APPR			
QUAL APPR			**MATERIAL** SEE PART NUMBER BREAKDOWN
ISSUE 5	REV.	DCR 6453	**FINISH** SEE PART NUMBER BREAKDOWN
NCAGE CODE U5792		WEIGHT	

PART NUMBER: PC4B0032-19xx-x-x(-003)

TITLE: CAT6a RJ45 BULKHEAD FEEDTHROUGH ASSEMBLY

ASSY USED ON: MIL-DTL-38999 SERIES 3

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Polamco

TE connectivity

SHT 1

DRAWING NO: C3163