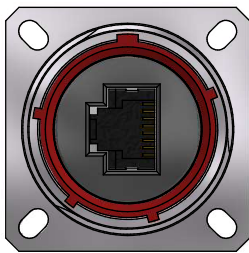
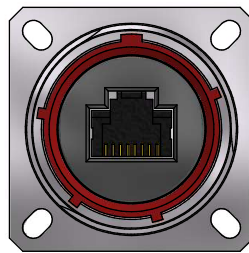


OPTION X (STANDARD)

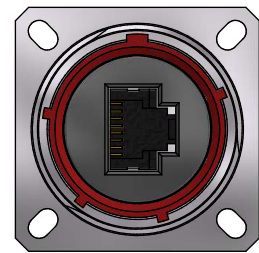
RJ45, CAT6a FEEDTHROUGH CONNECTOR GROUNDED TO OUTER SHELL
 DATA TRANSFER RATE TESTED TO 10 GIGABIT, CONTACT SALES OFFICE FOR TEST RESULTS



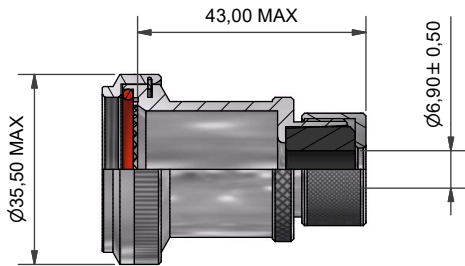
OPTION W



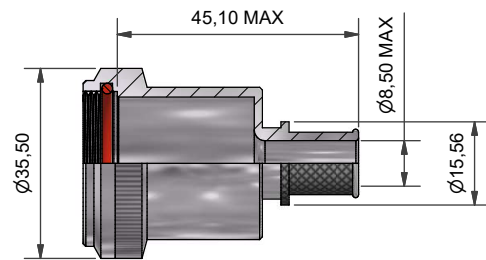
OPTION Y



OPTION Z



005 - CABLE SEALING OPTION



BT - BOOT OPTION

PC4B0029-19NX-1-C(-005)

- SERIES _____
- SHELL SIZE _____
- KEY ARRANGEMENT (N, A, B, C, D, E) _____
- INSERT ROTATION (W, X, Y, Z) _____
- MATERIAL / PLATING (SEE TABLE) _____
- BACKSHELL OPTION (005 = CABLE SEAL, BT = BOOT) _____
- PART NUMBER FOR UNGROUNDED VERSION: PC4B0029-19NX-1-C-U

NOTES
 MIL-DTL-38999 STYLE
 MATES WITH AMPHENOL RJFTV

FINISH
 SEE TABLE
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

SEE SS0076 FOR FULL RANGE OF FINISH OPTIONS

DRAWN R.STYLES	DATE 03/07/2018		PART NUMBER: PC4B0029-19xx-x-x	
DESIGN APPROVAL M.PAUL	DATE 03/07/2018		TITLE: CAT6a RJ45 FEEDTHROUGH RECEPTACLE ASSEMBLY	
DOC TYPE Customer Drawing	ISSUE/REV HB	DRAWING NO.: C3047	ASSY USED ON: CAT6A D38999/20	
NCAGE CODE U5792	WEIGHT N/A	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	