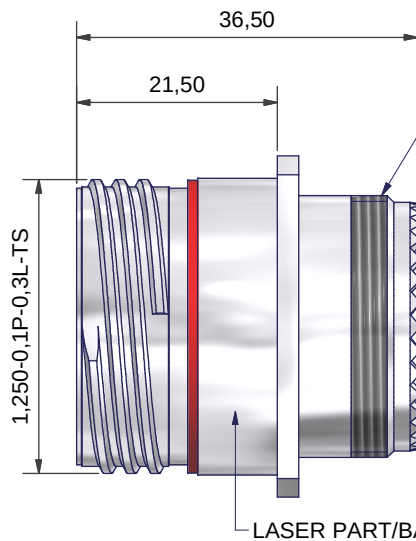
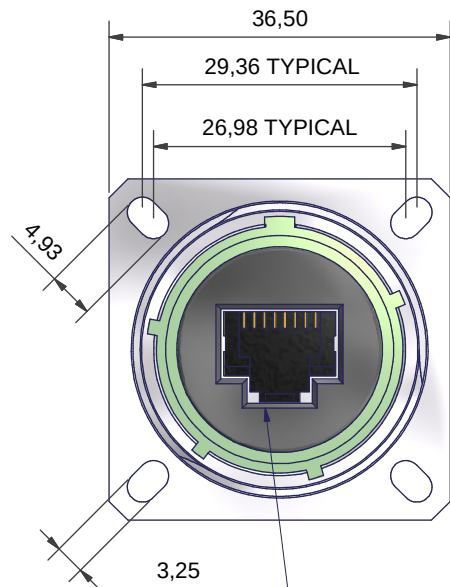
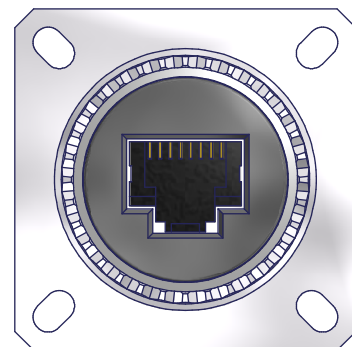


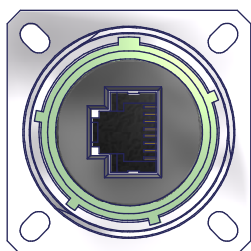


M28x1 - 6g
TO SUIT H INTERFACE

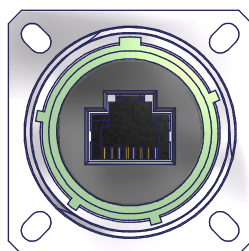


LASER PART/BATCH MARK HERE OPTION X (STANDARD)

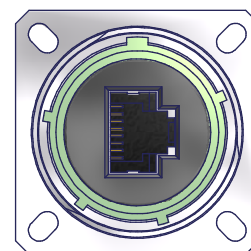
RJ45, CAT6a FEEDTHROUGH CONNECTOR GROUNDED TO OUTER SHELL
DATA TRANSFER RATE TESTED TO 10 GIGABIT, CONTACT SALES OFFICE FOR TEST RESULTS



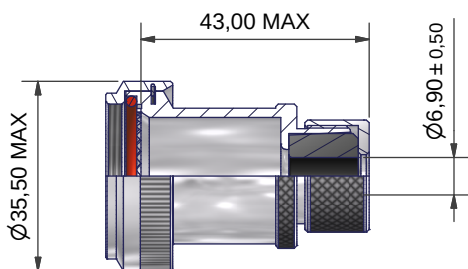
OPTION W



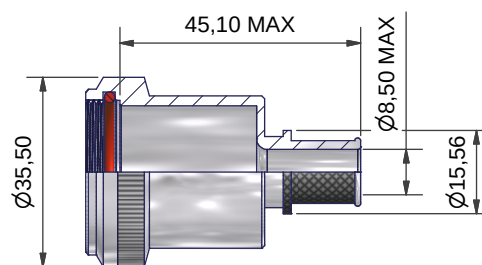
OPTION Y



OPTION Z



005 - CABLE SEALING OPTION



BT - BOOT OPTION

NOTES
GENERALLY TO THE REQUIREMENTS OF MIL-DTL-38999
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

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

CODE	MATERIAL/PLATING
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	11/09/2015
SALES		DATE	11/09/2015
APPR			
DESIGN			
APPR			
PROD			
APPR			
QUAL			
APPR			
ISSUE	REV	DCR	5187
7	2		
NCAGE CODE U5792		WEIGHT	



3RD ANGLE
PROJECTION
NOT TO
SCALE



POLAMCO LTD
www.polamco.com

WESTON LOCK
LOWER BRISTOL ROAD
BATH BA2 1EP

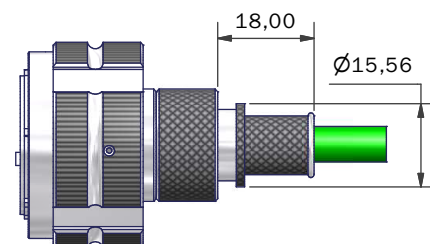
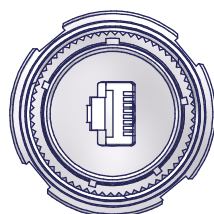
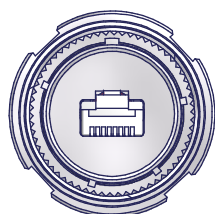
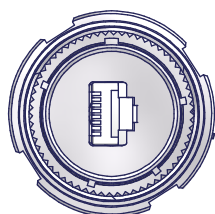
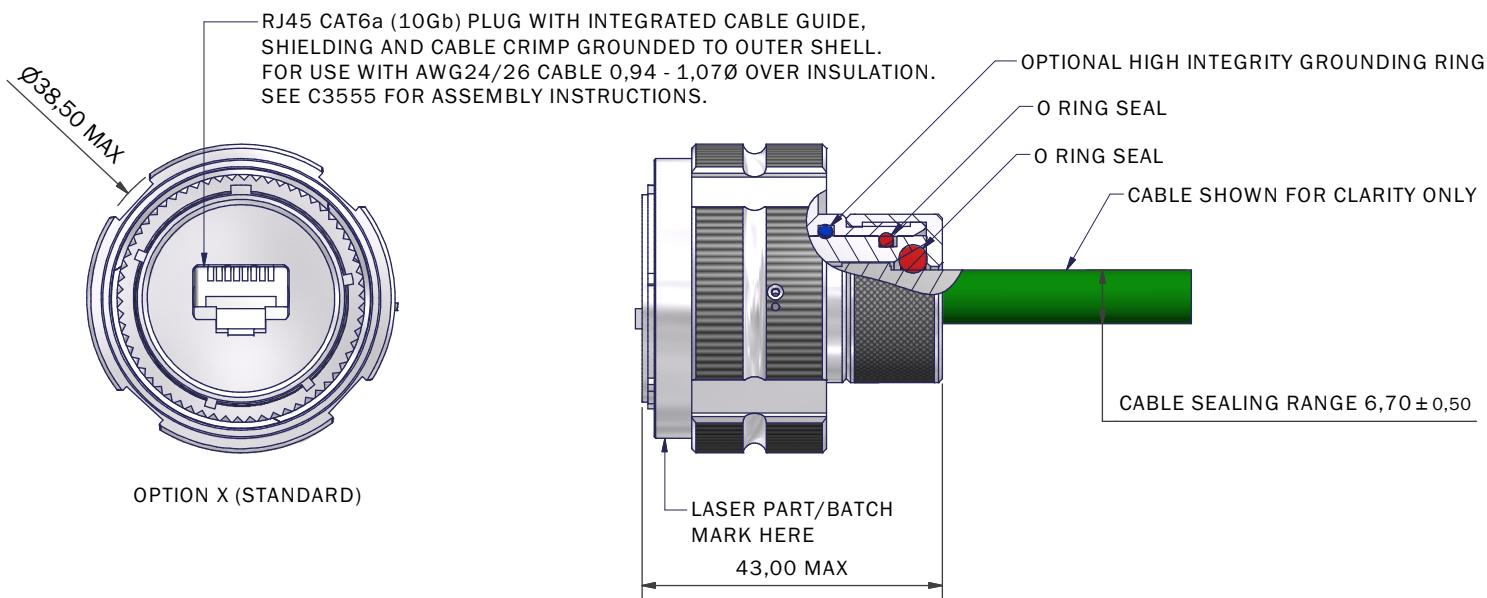
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CONSENT OF THE COMPANY.

ASSY USED ON: CAT6A D38999/20

TITLE: CAT6A RJ45 FEEDTHROUGH
RECEPTACLE

PART NUMBER: PC4B0029-19xx-x-x

DRAWING NO: C3047
SHT 1



BRAID TERMINATION OPTIONS:
BT - ORDER BAND SEPARATELY
91 - SUPPLIED WITH HE100 SPRING

NOTES
GENERALLY TO THE REQUIREMENTS OF MIL-DTL-38999
MATES WITH AMPHENOL RJFTV
FINISH
SEE TABLE
MATERIALS
RJ45
CONTACTS SELECTIVE GOLD PLATING
SHIELDING - NICKEL PLATED BRASS
BODY - PBT, UL94V-0

SEAL - SILICONE ELASTOMER

PERFORMANCE
VOLTAGE RATING 50V DC / 35V AC
TEMPERATURE -40°C TO +120°C

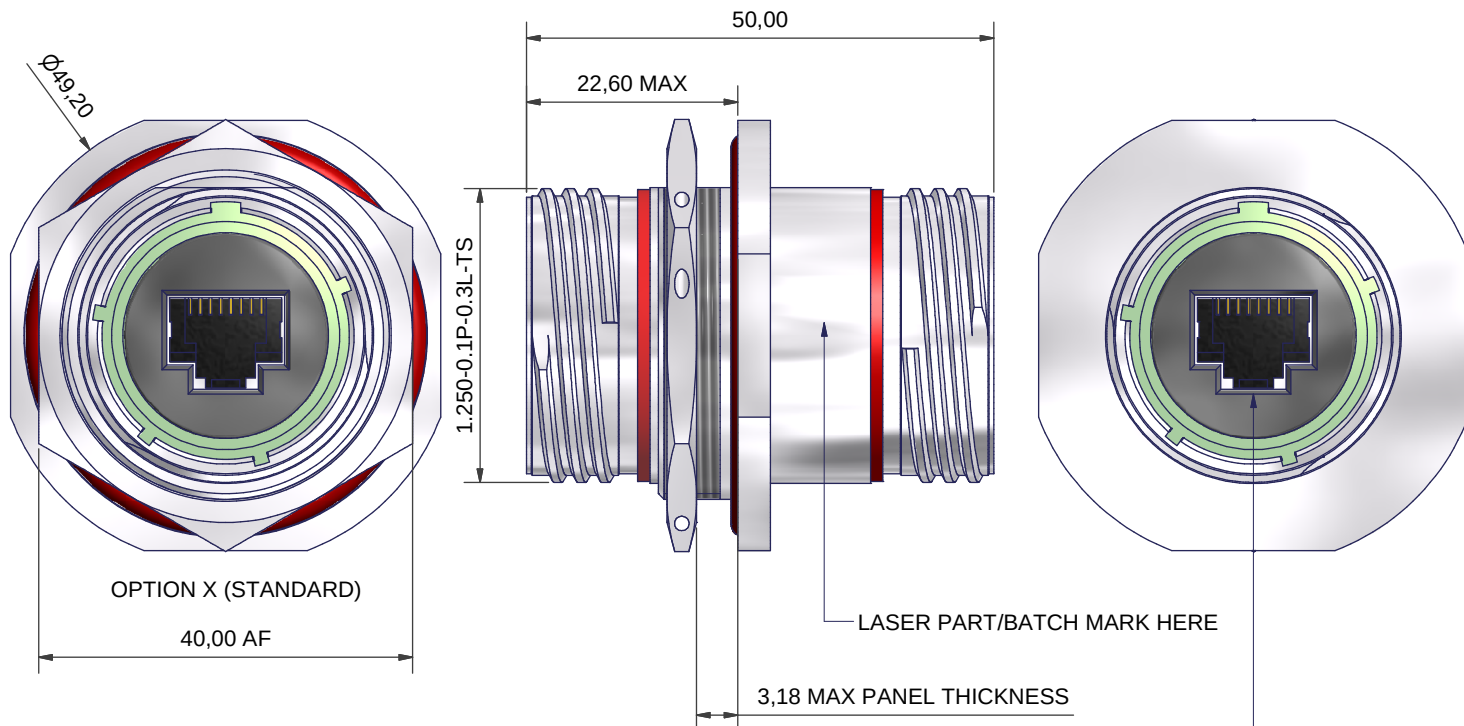
PC4D0024(BT)-19NX-1-C(-H)

SERIES _____
BRAID TERMINATION OPTION (OMIT FOR STANDARD) _____
SHELL SIZE _____
KEY ARRANGEMENT (N, A, B, C, D, E) _____
INSERT ROTATION (W, X, Y, Z) _____
MATERIAL (SEE TABLE) _____
PLATING (SEE TABLE) _____
HIGH INTEGRITY GROUNDING OPTION (OMIT FOR STANDARD) _____
PART NUMBER FOR UNGROUNDED VERSION: PC4D0024-19NX-1-C-U

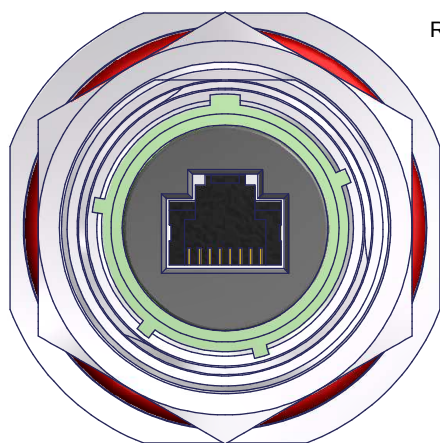
CODE	MATERIAL/PLATING
1-C	ALUMINIUM - ELECTROLESS NICKEL
1-B	ALUMINIUM - CADMIUM, OLIVE DRAB OVER ELECTROLESS NICKEL
1-ZB	ALUMINIUM - ZINC COBALT, OLIVE DRAB OVER ELECTROLESS NICKEL
1-ZK	ALUMINIUM - ZINC COBALT, BLACK OVER ELECTROLESS NICKEL
1-ZN	ALUMINIUM - ZINC NICKEL, BLACK PASSIVATE OVER ELECTROLESS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

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

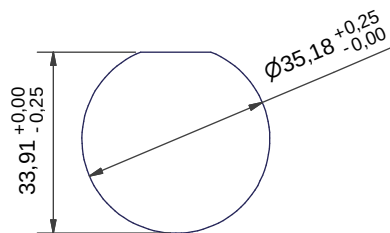
DRAWN	M. PAUL		DATE	08/12/2014			3RD ANGLE PROJECTION NOT TO SCALE		POLAMCO LTD www.polamco.com	WESTON LOCK LOWER BRISTOL ROAD BATH BA2 1EP	THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF POLAMCO LTD IT MUST NOT BE COPIED, USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY		
SALES APPR	M.F.		08/12/2014										
DESIGN APPR				UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°		ASSY USED ON: CAT6A RJ45 MIL-DTL-38999/26							
PROD APPR						TITLE: CAT6A RJ45 PLUG CONNECTOR							
QUAL APPR						MATERIAL SEE PART NUMBER BREAKDOWN		PART NUMBER: PC4D0024-19xx-x-x				DRAWING NO: C3054	SHT 1
ISSUE	REV	DCR											
6	1	5861				FINISH SEE PART NUMBER BREAKDOWN							
NCAGE CODE U5792			WEIGHT										



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



OPTION Y



RECOMMENDED PANEL CUT-OUT

PC4F0026-19NX-1-C

SERIES _____
 SHELL SIZE _____
 KEY ARRANGEMENT (N, A, B, C, D, E) _____
 INSERT ROTATION (X, Y) _____
 MATERIAL (SEE TABLE) _____
 PLATING (SEE TABLE) _____
 PART NUMBER FOR UNGROUNDED OPTION PC4F0026-19NX-1-C-U

NOTES
 GENERALLY TO THE REQUIREMENTS OF MIL-DTL-38999
 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 / PLATING
1-C	ALUMINIUM / ELECTROLESS NICKEL
1-B	ALUMINIUM / CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
1-ZB	ALUMINIUM / ZINC COBALT OLIVE DRAB 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 22/03/2011	 3RD ANGLE PROJECTION NOT TO SCALE	 POLAMCO LTD www.polamco.com	WESTON LOCK LOWER BRISTOL ROAD BATH BA2 1EP	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	
SALES APPR	M.F.	22/03/2011					
DESIGN APPR	M. PAUL	22/03/2011	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°	ASSY USED ON: CAT6A D38999/24			
PROD APPR							
QUAL APPR			MATERIAL SEE PART NUMBER BREAKDOWN	TITLE: CAT6A RJ45 SEALED JAM NUT BULKHEAD FEEDTHROUGH			
ISSUE 6	DCR 5462						
NCAGE CODE U5792		WEIGHT	FINISH SEE PART NUMBER BREAKDOWN	PART NUMBER: PC4F0026-19**-*-*		DRAWING NO: C4135	SHT 1