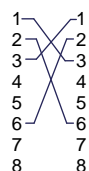
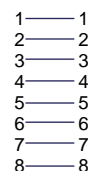


RJ45, CAT5 FEEDTHROUGH CONNECTOR GROUNDED TO OUTER SHELL  
 DATA TRANSFER RATE TESTED TO 1 GIGABIT  
 CONTACT SALES OFFICE FOR TEST RESULTS



WIRING DIAGRAM  
4 WAY CROSS OVER



WIRING DIAGRAM  
8 WAY STRAIGHT THROUGH

**NOTES**  
 GENERALLY TO THE REQUIREMENTS OF MIL-DTL-38999

**FINISH**  
 SEE TABLE  
**MATERIALS**

RJ45  
 CONTACTS 30µ Au/Ni  
 SHIELDING - NICKEL PLATED BRASS  
 BODY - PA, UL94V-0  
 PCB - FR4, UL94V-0

SEAL - SILICONE MS749ECR TO BS6853 CAT 1  
 INSULATOR - PPS GL40 UL94  
 POTTING - QSIL 550 UL94V-0  
**PERFORMANCE**  
 CURRENT RATING FOR POWER CONTACTS 2.1 AMPS @ 70°C  
 VOLTAGE RATING 50V DC / 35V AC  
 TEMPERATURE -40°C TO +120°C

**PC4B0002-C-19N-1-C**

SERIES  
 RJ45 STYLE A = 4 WAY  
 B = 4 WAY + 2 POWER CONTACTS  
 C = 8 WAY (STANDARD)  
 D = 8 WAY + 2 POWER CONTACTS  
 SHELL SIZE  
 KEY ARRANGEMENT (N, A, B, C, D, E)  
 MATERIAL AND PLATING (SEE TABLE)  
 PART NUMBER FOR UNGROUNDED VERSION: PC4B0002-C-U-19N-1-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
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	09/11/2009	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	JXS	09/11/2009					
DESIGN APPR				UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°	ASSY USED ON: CAT5 RJ45 MIL-DTL-38999-20		
PROD APPR					TITLE:	CAT5 RJ45 FEEDTHROUGH RECEPTACLE	
QUAL APPR					PART NUMBER:	PC4B0002-x-19x-x-x	
ISSUE	REV	DCR	4848				DRAWING NO: SHT
9	1						C1024 1
NCAGE CODE U5792		WEIGHT					

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