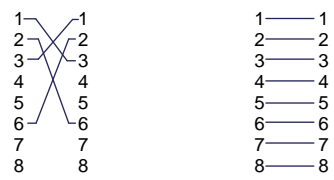


RJ45, CAT5 FEEDTHROUGH CONNECTOR GROUNDED TO OUTER SHELL
 DATA TRANSFER RATE TESTED TO 1 GIGABIT
 CONTACT SALES OFFICE FOR TEST RESULTS



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
SALES APPR	JXS	DATE	09/11/2009
DESIGN APPR			
PROD APPR			
QUAL APPR			
ISSUE	REV	DCR	
9	1	4848	
NCAGE CODE U5792		WEIGHT	

POLAMCO LTD
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WESTON LOCK
 LOWER BRISTOL ROAD
 BATH BA2 1EP

ASSY USED ON: CAT5 RJ45 MIL-DTL-38999-20

TITLE: **CAT5 RJ45 FEEDTHROUGH RECEPTACLE**

PART NUMBER: **PC4B0002-x-19x-x-x**

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DRAWING NO: **C1024** SHT **1**

3RD ANGLE PROJECTION NOT TO SCALE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES
 GENERAL TOL
 LINEAR +/-0.25MM
 ANGULAR +/- 1°

MATERIAL
 SEE PART NUMBER BREAKDOWN

FINISH
 SEE PART NUMBER BREAKDOWN

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