



EXAMPLE PART NUMBER:	PC421-1706PN-1-C
PC421 =	POLAMCO SERIES
17 =	SHELL SIZE (TABLE 1)
06 =	INSERT ARRANGEMENT
P =	CONTACT TYPE
N =	KEY ARRANGEMENT
1 =	MATERIAL (ALUMINIUM ALLOY)
C =	PLATING

TABLE 1			
SHELL SIZE	SHELL CODE	C - THREAD CLASS 2A 0.1P-0.3L-TS	V THREAD
09	A	0,6250	M12x1 6g
11	B	0,7500	M15x1 6g
13	C	0,8750	M18x1 6g
15	D	1,0000	M21x1 6g
17	E	1,1875	M25x1 6g
19	F	1,2500	M28x1 6g
21	G	1,3750	M31x1 6g
23	H	1,5000	M34x1 6g
25	J	1,6250	M37x1 6g

NOTES
 GENERALLY TO THE REQUIREMENTS OF MIL-DTL-38999
 SUPPLIED WITH CRIMP CONTACTS AND INSERTION TOOL
FINISH
 SEE TABLE - CONTACT SALES OFFICE FOR ALTERNATIVES
MATERIALS
 SHELL OPTIONS
 1 = ALUM ALLOY 6262R
 2 = ALUM BRONZE NES833
 4 = STAINLESS STEEL 303
 46 = STAINLESS STEEL 316

PLATING OPTIONS	
CODE	DESCRIPTION
B	Cadmium, olive drab (5-10 microns) QQ-P-416, Type II, Class 3 over electroless nickel (2.5 - 7.5 microns) (500 hour salt spray finish)
C	Electroless Nickel, MIL-C-26074, Class 4, Grade B
J	Passivate, per QQ-P-35 or MI-S-5002
P	Heavy Nickel, 500 hour salt spray
Z	Shot blast for non-reflective finish
ZB	Zinc cobalt, olive drab (5-10 microns) over electroless nickel (2.5 - 7.5 microns)

SEAL - SILICONE ELASTOMER
 INSULATOR - THERMOPLASTIC
 POTTING - RTV3140
PERFORMANCE
 CONTACT RATING
 22 = 5A
 20 = 7.5A
 16 = 13A
 12 = 23A
 8 = 45A
 4 = 80A

DRAWN	P.FRYER	DATE 24/11/2011		POLAMCO LTD WESTON LOCK LOWER BRISTOL ROAD BATH BA2 1EP	PAGE 1	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES	
SALES APPR							
DESIGN APPR	MP	24/11/2011	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.	ASSY USED ON: MIL-DTL-38999 SERIES III	MATERIAL		
QUAL APPR					NCAGE CODE U5792		
ISSUE	DCR				TITLE: IN-LINE RECEPTACLE		DRAWING NO: C4243
1	WEIGHT	GENERAL TOL LINEAR +/-0.1MM ANGULAR +/- 1°			PART NUMBER: PC421-*****_*_*		