



CRIMP SIZE (CSA)	MAX CORE DIAMETER STANDARD CABLE	MAX CORE DIAMETER FINE STRAND CABLE
35	8,2	8,2
50	10,0	10,3
70	11,3	12,1
95	13,5	14,2
120	15,2	16,5
150	16,7	17,6
185	19,2	19,2
240	21,1	NA

SHELL SIZE	A THREAD CLASS 2A 0.1P-0.3L-TS	Ø B MAX	Ø C MAX	MAX CRIMP (CSA) STANDARD CABLE	MAX CRIMP (CSA) FINE STRAND CABLE
19	1,2500	38,50	27,60	70	70
21	1,3750	41,70	31,10	120	95
23	1,5000	44,90	36,00	185	150
25	1,6250	48,00	39,84	240	185

REFER TO POLAMCO DOCUMENT ASQAW0259 FOR ASSEMBLY INSTRUCTIONS AND TOOLING.

WHERE CORE DIAMETER EXCEEDS THE MAXIMUM, POLAMCO RECOMMENDS THE USE OF A SUITABLE PRE-ROUNDING DIE TO AID INSERTION INTO THE CRIMP BARREL.

AWG CABLE CRIMP SIZES AVAILABLE UPON REQUEST.

PC426HP-BT1-25-185FS-PN-1-C

SERIES _____
 SCREENED BACKSHELL _____
 STRAIGHT ENTRY _____
 SHELL SIZE _____
 CRIMP SIZE (CSA) _____
 S = STANDARD CABLE _____
 FS = FINE STRAND CABLE _____
 CONTACT TYPE _____
 KEY ARRANGEMENT _____
 MATERIAL AND FINISH - (SEE TABLE) _____

NOTES
 MIL-DTL-38999 STYLE
FINISH
 SEE TABLE
MATERIALS
 CONTACT - SILVER PLATED COPPER
 INSULATOR - PPS-GL40 - UL94V-0
PERFORMANCE
 VOLTAGE RATING 1000Va.c. / 1410Vd.c
 MAX CONTACT RATING
 SHELL #25 = 1000A
 23 = 800A
 21 = 600A
 19 = 400A

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-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	R.S.	DATE	 3RD ANGLE PROJECTION NOT TO SCALE	PART NUMBER:		 Polamco TE connectivity
SALES APPR	P.M.	26/04/2018		PC426HP-BT1-xx-xxxxx-xx-x-x		
DESIGN APPR	M.PAUL	21/08/2014	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°	TITLE:		SHIELDED HIGH POWER PLUG, CRIMP CONTACT
PROD APPR				ASSY USED ON: D38999/26		
QUAL APPR			MATERIAL SEE PART NUMBER BREAKDOWN FINISH SEE PART NUMBER BREAKDOWN	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
ISSUE	REV.	DCR		SHT		
3	1	6654	1		C4970	
NCAGE CODE U5792		WEIGHT				