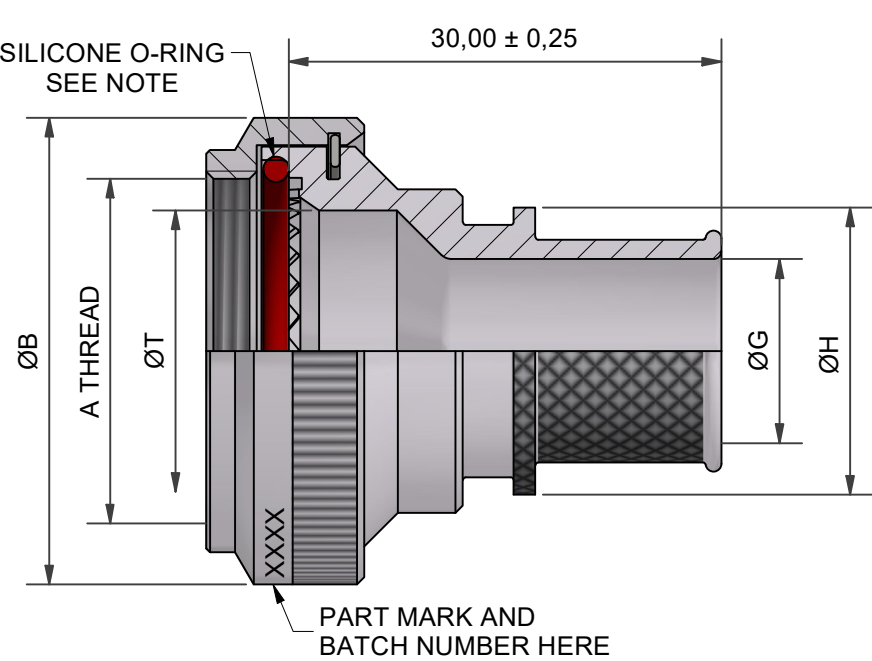
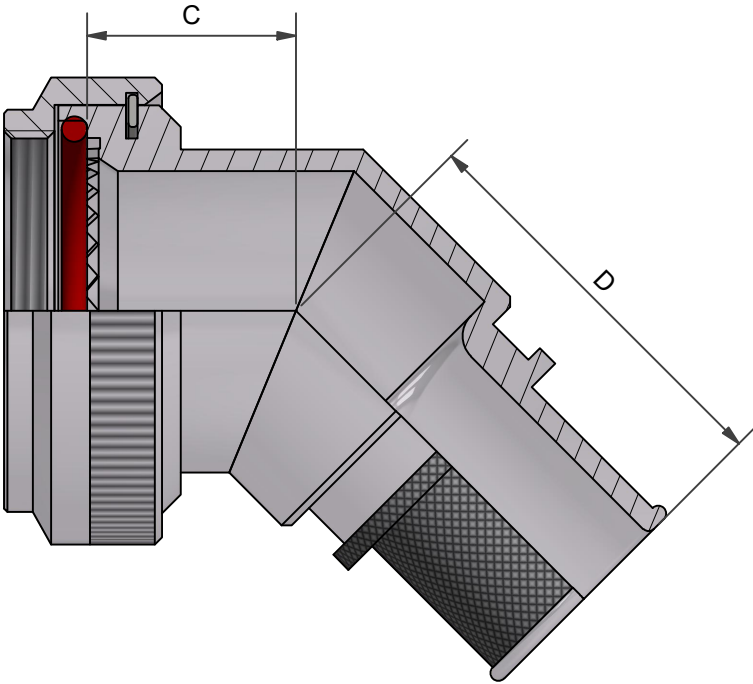


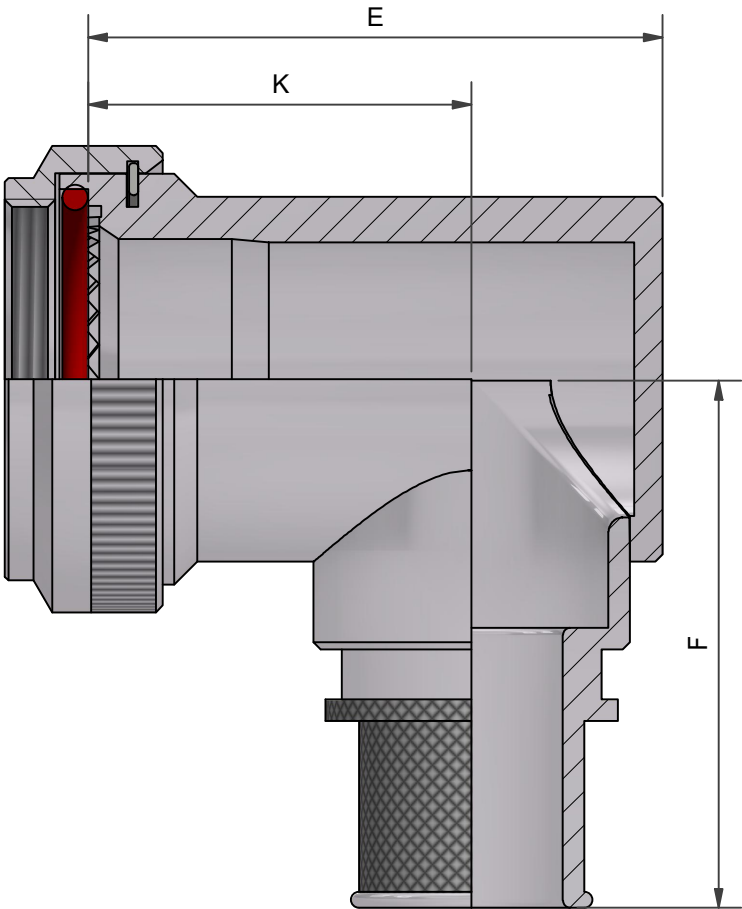
ISS / REV	DESCRIPTION	CHANGED BY	DATE
5	DCR 6180	C.WALLACE	04/03/16
6	DCR 6624	K.K-W	27/09/17
AA	CRN 26424	N.HAWKINS	13/03/24



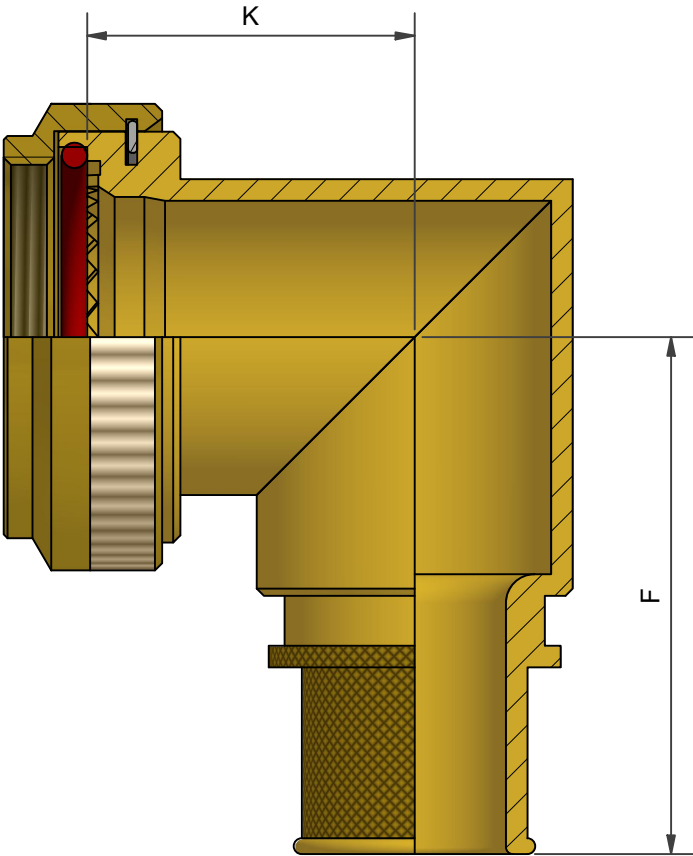
ANGLE 1



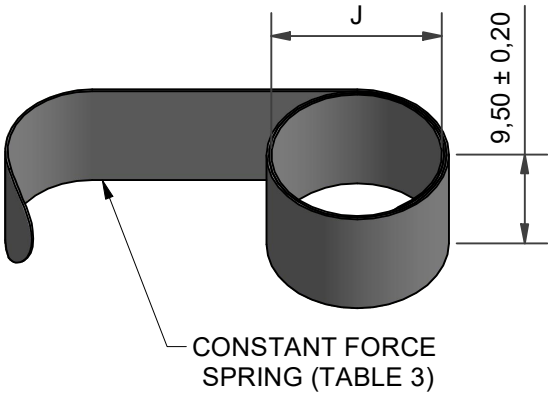
ANGLE 2



ANGLE 3
90° BACKSHELL
ALUMINIUM ALLOY



ANGLE 3
90° BACKSHELL
STAINLESS STEEL
NICKEL ALUMINIUM BRONZE



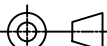
DRAWN	K.K-W	DATE	19/09/2017	 3RD ANGLE PROJECTION NOT TO SCALE	PART NUMBER:					 POLAMCO		
SALES APPR	M.PAUL	DATE	19/09/2017		91H SERIES							
DESIGN APPR	K.SHEPPARD	DATE	19/09/2017		TITLE: SPRING TERMINATION BACKSHELL							
PROD APPR	K.SMITH	DATE	19/09/2017									
QUAL APPR	P.REES	DATE	19/09/2017									
				UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°								
				MATERIAL SEE PART NUMBER BREAKDOWN	ASSY USED ON: MIL-DTL-38999 SERIES III & IV							
				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	SHT 1	DRAWING NO: P10743
ISSUE/REV AA		CRN 26424										
NCAGE CODE U5792			WEIGHT									

TABLE 1									THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE	
SHELL SIZE	A THREAD	ØB MAX	ØT MIN	C MAX	D MAX	E MAX	F MAX	K ±0,5	F MAX	K ±1,0
09	M12 x 1.0	18,0	6,7	13,1	25,7	25,7	30,5	17,5	32,9	15,9
11	M15 x 1.0	21,0	10,2	13,9	26,9	26,7	32,2	17,5	34,1	17,3
13	M18 x 1.0	24,5	13,5	14,5	27,3	31,2	33,7	20,0	35,3	19,1
15	M22 x 1.0	29,0	16,2	15,5	28,2	37,2	35,2	24,5	37,1	21,2
17	M25 x 1.0	32,5	19,4	16,1	29,0	40,2	36,9	26,7	39,0	22,8
19	M28 x 1.0	35,5	21,8	16,8	29,3	44,7	38,5	27,0	40,8	24,9
21	M31 x 1.0	37,0	25,1	17,1	30,1	49,2	40,1	30,5	42,5	25,6
23	M34 x 1.0	40,0	28,2	17,7	30,5	51,7	41,6	31,5	43,9	27,1
25	M37 x 1.0	43,5	31,4	18,4	31,4	53,2	43,1	28,5	45,3	28,6

TABLE 2	ENTRY SIZE	ØG MIN	ØH MAX	SPRING REF
	03	4,7	13,9	HE050
	04	6,3	13,9	HE050
	05	7,9	15,5	HE100
	06	9,5	17,2	HE100
	07	11,1	18,7	HE100
	08	12,7	20,3	HE200
	09	14,2	21,9	HE200
	10	15,8	23,5	HE200
	11	17,4	25,1	HE200
	12	19,0	26,7	HE300
	13	20,6	28,3	HE300
	14	22,2	29,9	HE300
	15	23,8	31,5	HE300
	16	25,4	33,1	HE300
	17	27,0	34,7	HE400
	18	28,6	36,3	HE400
	19	30,2	37,9	HE400
	20	31,8	39,5	HE400
	21	33,3	41,1	HE400
	22	35,0	42,7	HE400
	23	36,5	44,3	HE400
	24	38,1	45,9	HE400

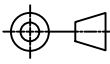
TABLE 3	SPRING REF	J MAX (UNCONSTRAINED)
	HE 050	7,5
	HE 100	9,1
	HE 200	12,8
	HE 300	17,9
	HE 400	21,8

TABLE 4	CODE	MATERIAL / FINISH
	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 300 SERIES / PASSIVATE
	46-J	STAINLESS STEEL 316 / PASSIVATE
	2-Z	NICKEL ALUMINIUM BRONZE / SHOT BLAST

SEE SS0076 FOR FULL RANGE OF FINISH OPTIONS
NOTE: VITON O-RING SUPPLIED WITH STAINLESS BACKSHELL

91H1-17-08-1-C-HE200

SERIES _____
CONNECTOR INTERFACE _____
ANGLE _____
SHELL SIZE (TABLE 1) _____
ENTRY SIZE (TABLE 2) _____
MATERIAL AND FINISH (TABLE 4) _____
SPRING REF (TABLE 3) _____
OMIT IF NO SPRING REQUIRED
SPRING REFERENCE NOT INCLUDED IN PART MARKING
e.g 91H1-17-08-1-C [BATCH NUMBER]

DRAWN	K.K-W	DATE	19/09/2017	 3RD ANGLE PROJECTION NOT TO SCALE	PART NUMBER:					 POLAMCO	
SALES APPR	M.PAUL	DATE	19/09/2017		91H SERIES						
DESIGN APPR	K.SHEPPARD	DATE	19/09/2017		TITLE: SPRING TERMINATION BACKSHELL						
PROD APPR	K.SMITH	DATE	19/09/2017								
QUAL APPR	P.REES	DATE	19/09/2017								
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°				ASSY USED ON:							
MATERIAL SEE PART NUMBER BREAKDOWN											
ISSUE/REV AA		CRN 26424		FINISH SEE PART NUMBER BREAKDOWN							
NCAGE CODE U5792		WEIGHT									
					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		SHT 2	DRAWING NO: P10743