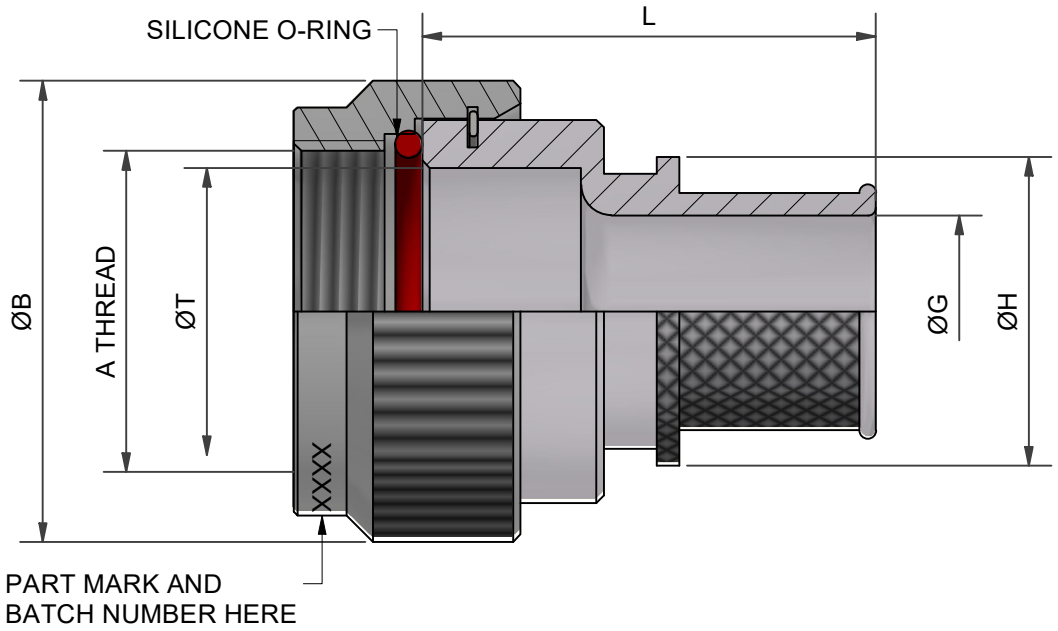
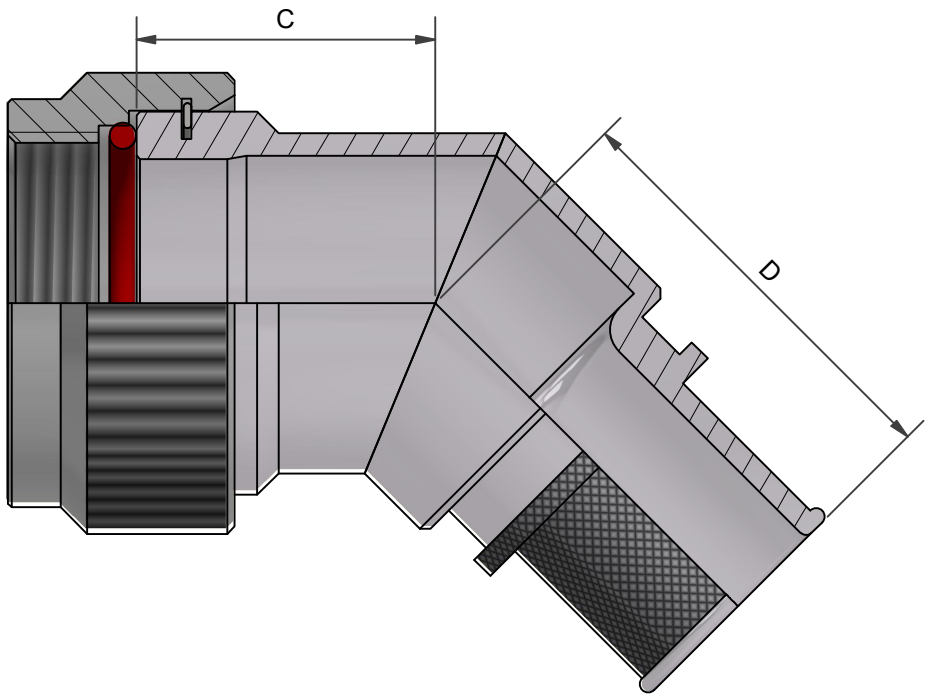
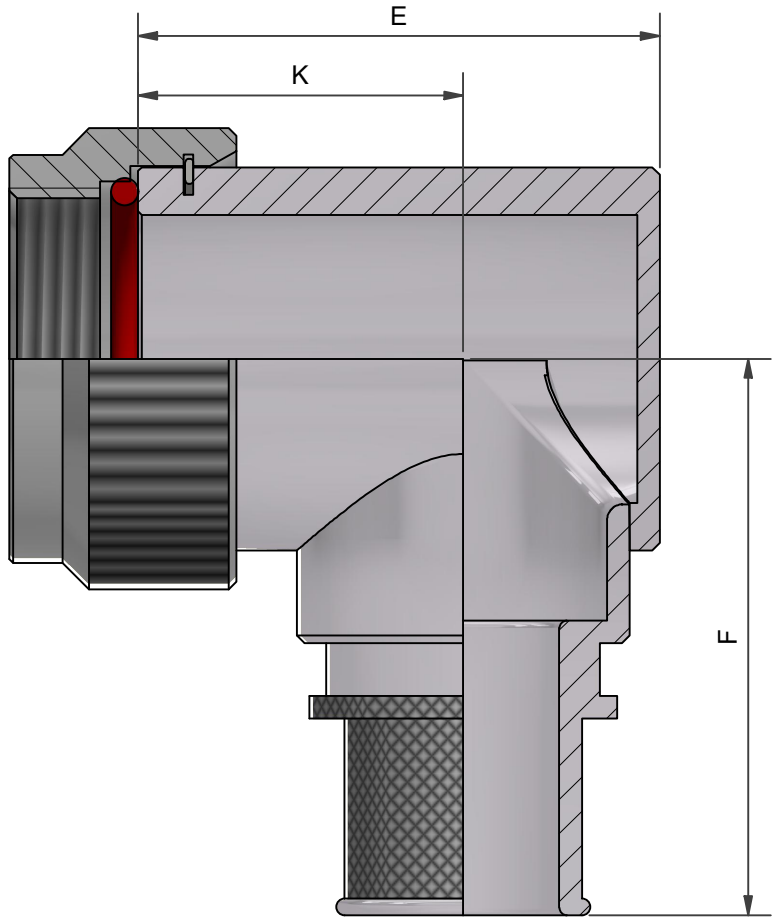
ISS / REV	DESCRIPTION	CHANGED BY	DATE
3	DCR 6180	C.W	03/03/16
AA	RELEASED TO DMTEC	I.D	22/02/19
AB	CRN 26424	N.H	01/03/24

ANGLE 1

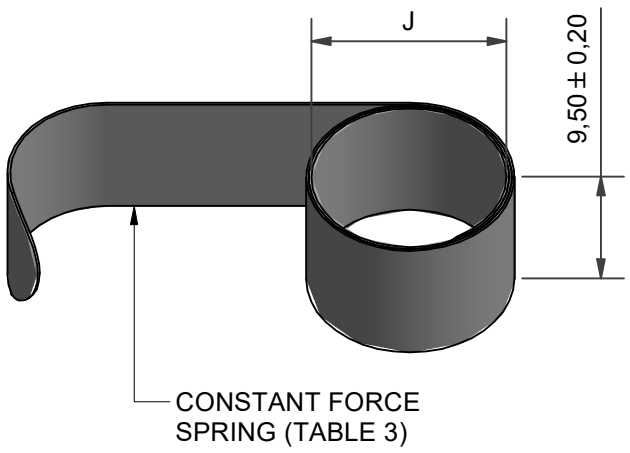




ANGLE 2



ANGLE 3



DRAWN	J.CLARK	DATE 12/11/2009	3RD ANGLE PROJECTION NOT TO SCALE	PART NUMBER: 91L SERIES
SALES APPR	M.PAUL	12/11/2009		
DESIGN APPR	K.SHEPPARD	12/11/2009	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°	TITLE: SPRING TERMINATION BACKSHELL
PROD APPR	K.SMITH	12/11/2009		
QUAL APPR	P.REES	12/11/2009	MATERIAL SEE PART NUMBER BREAKDOWN	ASSY USED ON: MIL-DTL-5015
ISSUE/REV AB	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 1

DRAWING NO: P11316

POLAMCO

Downloaded from Arrow.com.

TABLE 1

SHELL SIZE	A THREAD	ØB MAX	ØT MIN	C ±0,5	D MAX	E MAX	F MAX	K ±0,5	L ±0,5
08S	7/16 - 28UNEF	18,0	7,9	15,0	26,2	22,2	31,5	15,2	30,0
10S	1/2 - 28UNEF	19,5	9,4	15,4	26,9	23,7	32,7	15,7	30,0
10SL/12/12S	5/8 - 24UNEF	23,0	12,7	18,4	27,3	27,7	32,5	17,5	30,0
14/14S	3/4 - 20UNEF	26,0	15,9	19,3	28,2	31,2	35,5	19,5	30,0
16/16S	7/8 - 20UNEF	30,5	18,9	20,0	29,0	34,7	37,4	21,5	30,0
18	1 - 20UNEF	34,0	20,6	20,6	29,3	37,7	39,0	23,0	30,0
20	1 1/8 - 18UNEF	37,0	25,3	21,3	30,1	41,2	41,6	24,5	30,0
22	1 1/4 - 18UNEF	40,0	28,4	21,9	30,5	44,2	42,1	26,0	30,0
24	1 3/8 - 18UNEF	43,5	31,7	22,5	31,4	47,2	43,6	27,5	35,0
28	1 5/8 - 18UNEF	50,0	34,9	23,6	32,3	52,2	46,1	30,0	40,0
32	1 7/8 - 16UN	56,0	41,4	24,9	33,2	58,9	48,6	32,7	40,0
36	2 1/8 - 16UN	64,0	47,9	27,5	34,0	68,2	52,3	38,0	40,0
40	2 3/8 - 16UN	69,5	53,9	30,1	35,1	72,7	54,8	41,1	50,0

TABLE 2

ENTRY SIZE	G MIN	H 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	FINISH
C	ELECTROLESS NICKEL
B	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
ZB	ZINC COBALT OLIVE DRAB OVER ELECTROLESS NICKEL
ZN	ZINC NICKEL BLACK PASSIVATE OVER ELECTROLESS NICKEL

91L1-16-08-1-C-HE200

SERIES
CONNECTOR INTERFACE
ANGLE
SHELL SIZE (TABLE 1)
ENTRY SIZE (TABLE 2)
MATERIAL
ALUMINIUM ALLOY
FINISH (TABLE 4)
SPRING REFERENCE (TABLE 2)
SPRING REFERENCE NOT INCLUDED IN PART MARKING
e.g 91L1-16-08-1-C [BATCH NUMBER]

REDRAWN FROM ISSUE 3

DRAWN	J.CLARK	DATE 12/11/2009
SALES APPR	M.PAUL	12/11/2009
DESIGN APPR	K.SHEPPARD	12/11/2009
PROD APPR	K.SMITH	12/11/2009
QUAL APPR	P.REES	12/11/2009

ISSUE/REV AB | CRN 26424

NCAGE CODE U5792 | WEIGHT

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

PART NUMBER: 91L SERIES

TITLE: SPRING TERMINATION BACKSHELL

TE connectivity
POLAMCO

ASSY USED ON: MIL-DTL-5015

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: P11316

Downloaded from Arrow.com.