

REDRAWN FROM ISSUE 3

DRAWN		DATE	
J.CLARK		12/11/2009	
APPROVED BY			
M.PAUL		12/11/2009	
CHECKED BY			
DOC TYPE	Customer Drawing		
ISSUE/REV	DCR		
AA	6180		
NCAGE CODE U5792	WEIGHT N/A		

 3RD ANGLE PROJECTION NOT TO SCALE	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°
	<b>MATERIAL</b> SEE PART NUMBER BREAKDOWN
	<b>FINISH</b> SEE PART NUMBER BREAKDOWN

PART NUMBER:		91L SERIES	
TITLE:			
SPRING TERMINATION BACKSHELL			
ASSY USED ON: MIL-DTL-5015		RESTRICTED TO:	
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connectivity

DRAWING NO:  
P11316

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

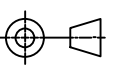


TABLE 4

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) \_\_\_\_\_  
 OMIT IF NO SPRING REQUIRED

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DRAWN J.CLARK		DATE 12/11/2009		 3RD ANGLE PROJECTION NOT TO SCALE	PART NUMBER: <b>91L SERIES</b>				 Polamco
APPROVED BY M.PAUL		DATE 12/11/2009			TITLE: <b>SPRING TERMINATION BACKSHELL</b>				
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