

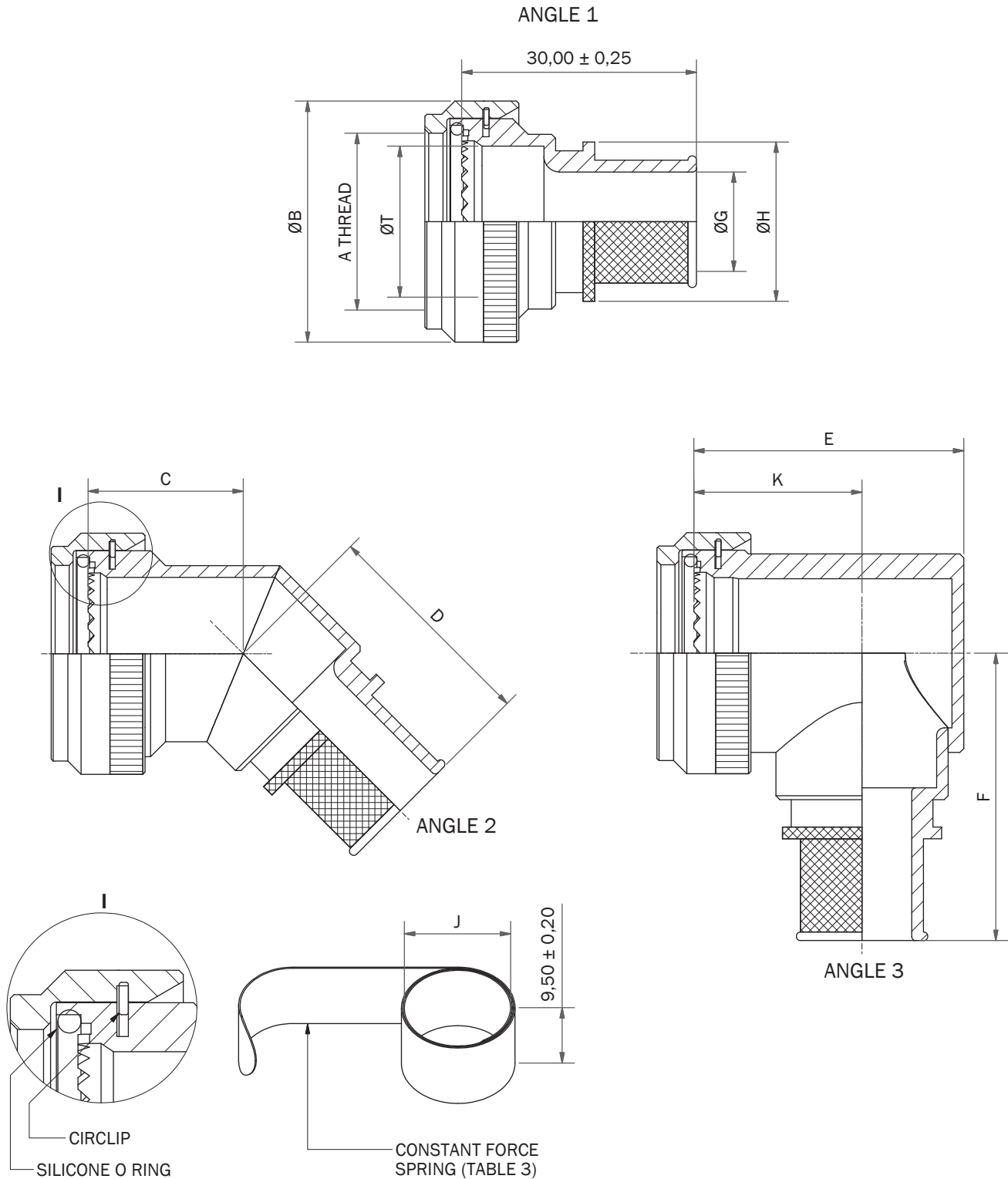
91 Series Spring Adaptor

Interface F

To fit typical connector: MIL-DTL-38999 SERIES I



Interconnect Solutions Worldwide



DIMENSIONS AND O RING MATERIAL APPLY FOR ALUMINIUM ONLY. FOR OTHER MATERIALS CONSULT FACTORY
PART NUMBER AND BATCH CODE WILL BE MARKED ON THE ASSEMBLY UNLESS OTHERWISE SPECIFIED

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DRAWING NOT TO SCALE
DIMENSIONS IN MM

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91 Series

Spring Adaptor

Interface F

To fit typical connector: MIL-DTL-38999 SERIES I



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EXAMPLE PART NUMBER: 91F1-17-08-1-C-HE200	
91 =	POLAMCO SERIES
F =	CONNECTOR INTERFACE (MIL-DTL-38999 SERIES I)
1 =	ANGLE - 1 = STRAIGHT 2 = 45° 3 = 90°
17 =	SHELL SIZE (TABLE 1)
08 =	ENTRY SIZE (TABLE 2)
1 =	MATERIAL (ALUMINIUM ALLOY)
C =	PLATING: CLICK TO SEE OPTIONS
HE200 =	SPRING REF (TABLE 2)

TABLE 1								
SHELL SIZE	A THREAD	B MAX	T MIN	C +/-0,5	D MAX	E MAX	F MAX	K +/- 0,5
09	7/16-28 UNEF	18,0	6,8	16,4	25,7	22,7	30,5	15,0
11	9/16-24 UNEF	21,0	10,2	17,2	26,9	26,2	32,2	17,0
13	11/16-24 UNEF	24,5	13,1	17,6	27,3	29,2	33,7	18,0
15	13/16-20 UNEF	27,8	16,2	18,5	28,2	32,2	35,2	20,0
17	15/16-20 UNEF	30,8	19,3	19,2	29,0	35,7	36,9	21,5
19	1 1/16-18 UNEF	34,1	22,3	19,6	29,3	39,7	38,5	23,0
21	1 3/16-18 UNEF	37,3	25,8	20,4	30,1	42,2	41,1	25,0
23	1 5/16-18 UNEF	41,0	28,3	20,8	30,5	45,2	41,6	26,0
25	1 7/16-18 UNEF	43,7	31,5	21,7	31,4	48,2	43,1	28,0

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

TABLE 2			
ENTRY SIZE	G MIN	H MAX	SPRING REF
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	8,0
HE 200	12,8
HE 300	17,9
HE 400	21,8

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