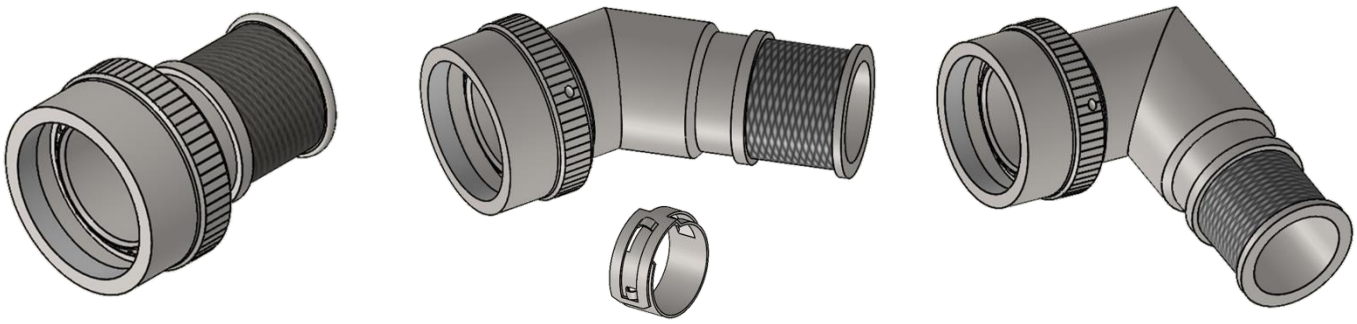
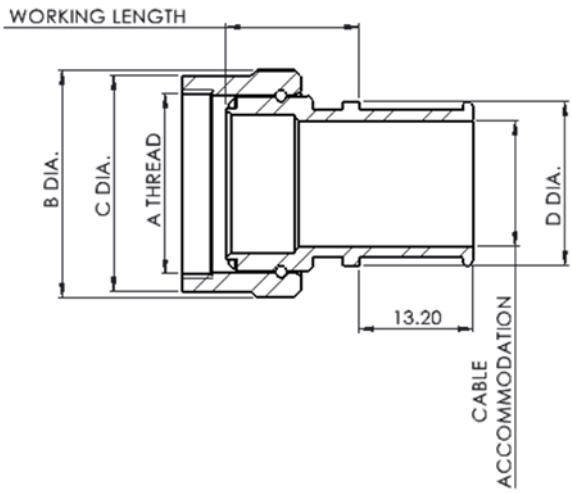
PRODUCT INFORMATION

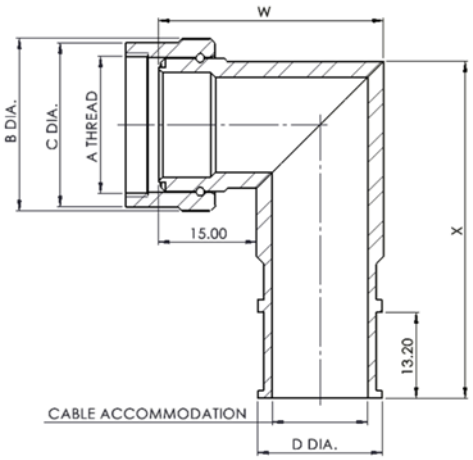
KC2700 Series

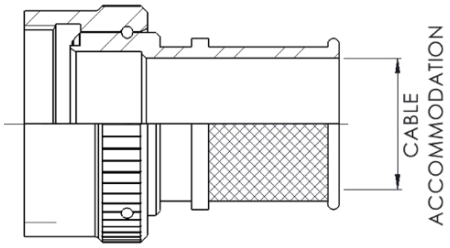
EMC Circular Backshell with reworkable band clamp

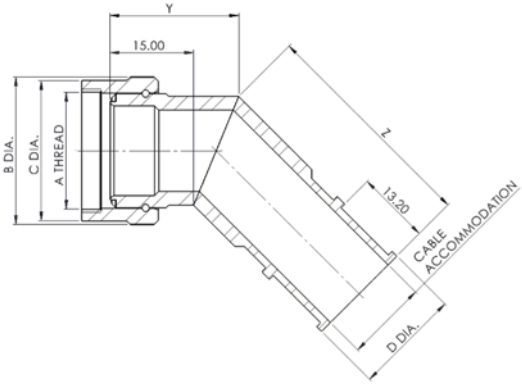


- Light weight and compact backshell suitable for all standard circular connectors
- High levels of EMC and Environmental performance
- Overall screening by reworkable band clamp
- Rapid assembly with no special tools required and the system is easily reworked
- Teeth on backshell body mesh with connector teeth for positive lock
- Blind teeth for increased EMC screening with internal taper for enhanced environmental sealing with the connector
- Additional environmental sealing of cable system by heat shrink boot
- Overall environmental seal with heat shrink boot is equal to or higher than the IP rating of the connector









KEC LIMITED
Orpheus House, Calleva Park, Aldermaston, Reading, Berkshire RG7 8TA England
www.kec.co.uk
Tel: +44 (0)118 981 1571 email: sales@kec.co.uk

Rev 2.6
1026

PRODUCT INFORMATION

EXAMPLE PART NUMBER

KC2701 - 32 – 25 W 1 – 25 -XXX

Material - Table 1
Connector Series - Table 3
Shell Size - Table 2
Finish - Table 5
Working Length - Note 2
Cable Entry - Table 4
Mod Code - Note 5

TABLE 2 (See Notes 1 and 3)

SHELL SIZE	A THREAD 22/26/38 SERIES	A THREAD 28 SERIES	A THREAD 32 SERIES	B DIA MAX	C DIA MAX	W DIM MAX	X DIM MAX	Y DIM MAX	Z DIM MAX
08/09	7/16” - 28 UNEF	1/2” - 20 UNF	M12 x 1.00-6H	18.00	15.95	27.00	34.00	20.50	27.00
10/11	9/16” - 24 UNEF	5/8” - 24 UNEF	M15 x 1.00-6H	21.20	18.95	29.00	35.50	21.00	28.00
12/13	11/16” - 24 UNEF	3/4” - 20 UNEF	M18 x 1.00-6H	23.10	21.65	33.00	40.00	23.00	29.50
14/15	13/16” - 20 UNEF	7/8” - 20 UNEF	M22 x 1.00-6H	26.60	25.40	35.00	41.50	23.50	30.50
16/17	15/16” - 20 UNEF	1.000” - 20 UNEF	M25 x 1.00-6H	29.10	28.15	38.00	44.50	25.00	31.75
18/19	1 1/16” - 18 UNEF	1 1/16” - 18 UNEF	M28 x 1.00-6H	32.40	30.40	40.00	46.50	26.00	32.50
20/21	1 3/16” - 18 UNEF	1 3/16” - 18 UNEF	M31 x 1.00-6H	34.60	33.95	43.50	50.00	27.00	34.00
22/23	1 5/16” - 18 UNEF	1 5/16” - 18 UNEF	M34 x 1.00-6H	38.10	36.70	46.50	53.50	28.50	35.50
24/25	1 7/16” - 18 UNEF	1 7/16” - 18 UNEF	M37 x 1.00-6H	42.90	40.65	49.00	55.50	29.50	36.50

TABLE 3 (See Note 3)

SERIES CODE STRAIGHT	SERIES CODE 45° ANGLE	SERIES CODE 90° ANGLE	CONNECTOR TYPE (TYPICAL. See Note 4)	SHELL SIZE
22	42	82	MIL-C-26482 SERIES 1, PAT 105, 608, 603	08-24
26	46	86	MIL-C-38999 SERIES 1 & 2, PAT 614 & 616, PAN 6433-1	08-24
28	48	88	MIL-C-83723 SERIES 1 & 3, MIL-C-26482 SERIES 2 PAT 602 & PAN 6432-1 & 4	08-24
32	52	92	MIL-C-38999 SERIES III & IV, METRIC THREADS (EN3645)	09-25
38	58	98	PAN 6433-2, LN29729	08-24

TABLE 1

MATERIAL CODE	
01	ALUMINIUM
02	STAINLESS STEEL
03	ALI BRONZE

TABLE 5

FINISH CODE	
G	BLACK ZINC NICKEL
J	ELECTROLESS NICKEL
W	CADMIUM + OLIVE DRAB
Z	ZINC COBALT + OLIVE DRAB
L	Ni-PTFE
Consult Factory for other plating options	

TABLE 4 (see Note 4)

ENTRY CODE	CABLE ACCOMODATION	D DIA
50/51	4.7	9.5
52/53	6.3	11.1
08/09	7.5	12.3
10/11	9.3	13.1
54/55	11.1	15.3
12/13	12.7	17.4
14/15	14.4	19.2
56/57	15.8	20.6
16/17	17.8	21.5
18/19	19.6	23.7
58/59	20.6	24.7
60/61	22.2	26.3
20/21	24.1	27.9
62/63	25.4	29.2
22/23	27.0	30.9
24/25	29.2	33.5
Other Sizes	SPECIAL ORDER	

NOTES:

1. The W,X,Y,Z, lengths given on the data sheet are based on shell size and cable entry size being equal
2. Working Length in 12.7mm (0.5in) increments. for example, working length 4 = 50.8mm (2in). (straight backshells only – omit on angled versions).
3. **Many other connector series options are available. See separate datasheet for 5015 connectors. For other options, consult factory.**
4. A thread sizes shown in TABLE 2 for STRAIGHT SERIES CODE backshells also apply to equivalent 45° ANGLE and 90° ANGLE SERIES CODES.
5. XXX Used for modification to standard parts:
Constant Force Spring: -123

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