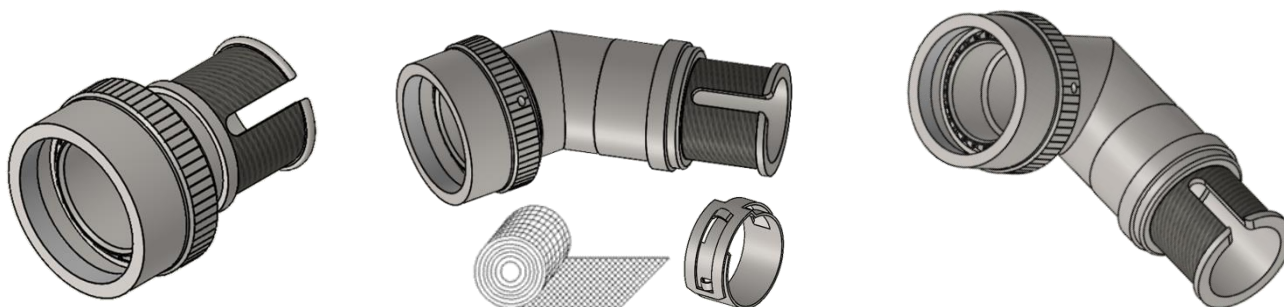
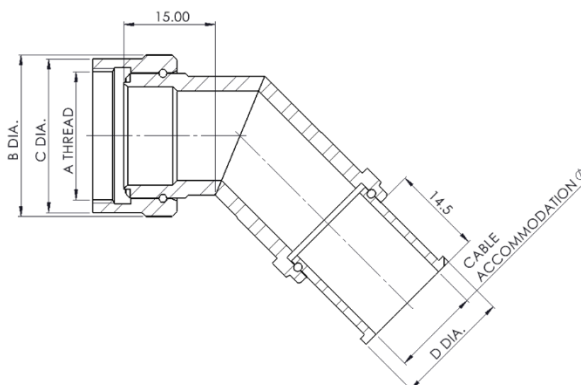
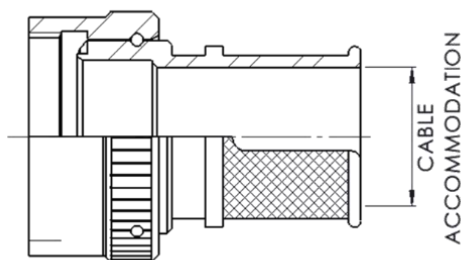
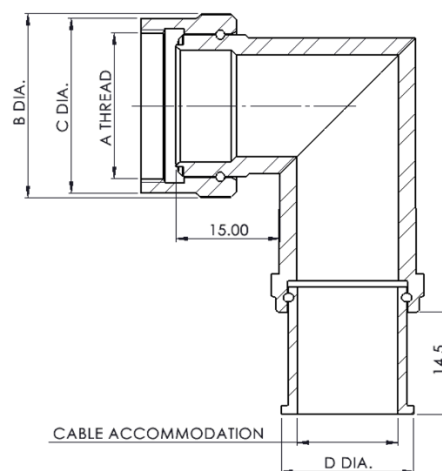
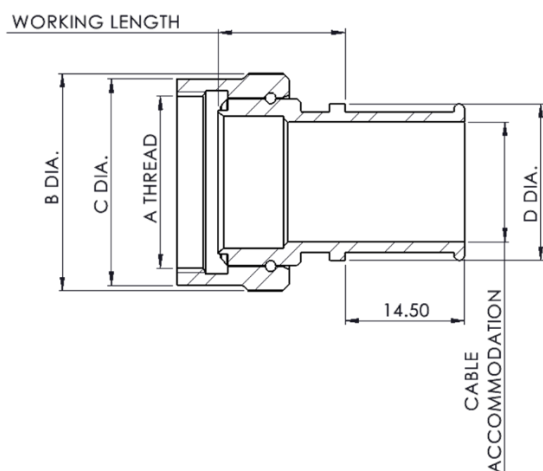


## KC2800 Series for MIL-C-5015 Connectors

EMC Circular Backshell with reworkable band clamp for individual wire screening



- Light weight and compact backshell suitable for all standard circular connectors
- High levels of EMC and Environmental performance
- Overall screening by reworkable band clamp
- Individual wire screening by interwoven braid and slotted body
- 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 to provide environmental seal that is equal to or higher than the IP rating of the connector



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## EXAMPLE PART NUMBER

KC2801 - 21 - 18 W 1 - 24 -XXX

Material - Table 1

Connector Series - Table 3

Shell Size - Table 2

Finish - Table 5

Working Length - Note 1

Cable Entry - Table 4

Mod Code - Note 5

TABLE 1	
MATERIAL CODE	
01	ALUMINIUM
02	STAINLESS STEEL
03	ALI BRONZE

TABLE 2 – THREAD SIZES WITHOUT REAR ACCESSORIES (see Notes 2 & 3)					
SHELL SIZE	A THREAD 21 SERIES	A THREAD 21A SERIES		B DIA MAX	C DIA MAX
08	1/2" - 20 UNF	NA		18.00	15.95
10/10SL	5/8" - 24 UNEF	5/8" - 24 UNEF		20.20	18.95
12	3/4" - 20 UNEF	NA		22.80	21.10
14/14S	7/8" - 20 UNEF	3/4" - 20 UNEF		26.60	25.40
16/16S	1.000" - 20 UNEF	7/8" - 20 UNEF		29.10	28.00
18	1 1/16" - 18 UNEF	1.000" - 20 UNEF		32.40	30.40
20	1 3/16" - 18 UNEF	1 1/8" - 18 UNEF		34.60	33.60
22	1 5/16" - 18 UNEF	1 1/4" - 18 UNEF		38.10	36.70
24	1 7/16" - 18 UNEF	1 3/8" - 18 UNEF		42.90	39.75
32	2.000" - 18 UNS	1 7/8" - 16 UN		54.0	51.5

TABLE 3 (See Note 2)				
SERIES CODE STRAIGHT	SERIES CODE 45° ANGLE	SERIES CODE 90° ANGLE	CONNECTOR TYPE (CONNECTOR SERIES VARIES ACCORDING TO REAR THREAD)	SHELL SIZE
21	41	81	MIL-C-5015 MANUFACTURER SPECIFIC. CHECK THREAD SIZE	08-32
21A	41A	81A	MIL-C-5015 MANUFACTURER SPECIFIC. CHECK THREAD SIZE	08-32

TABLE 4 (see Note 3)		
ENTRY CODE	CABLE ACCOMODATION	D DIA
08	7.5	12.3
10	9.3	13.1
12	12.7	17.4
14	14.4	19.2
16	17.8	21.5
18	19.6	23.7
20	24.1	27.9
22	27.0	30.9
24	29.2	33.5
26 - 32	SPECIAL ORDER	

TABLE 5	
FINISH CODE	
G	BLACK ZINC NICKEL
J	ELECTROLESS NICKEL
W	CADMIUM + OLIVE DRAB
Z	ZINC COBALT + OLIVE DRAB
L	Ni-PTFE

### NOTES:

1. WORKING LENGTH IN 12.7mm (0.5in) INCREMENTS. FOR EXAMPLE, WORKING LENGTH 4 = 50.8mm (2in). KC2800 MINIMUM WORKING LENGTH IS 1. (STRAIGHT BACKSHELLS ONLY – OMIT ON ANGLED VERSIONS).
2. USE 21/21A FOR STRAIGHT BACKSHELLS, 41/41A FOR 45° BACKSHELLS & 81/81A FOR 90° BACKSHELLS. CONNECTOR SERIES VARIES ACCORDING TO MANUFACTURER AND REAR THREAD SIZE. PLEASE CHECK THREAD SIZE IF IN DOUBT CONSULT FACTORY
3. GREYED OUT SIZES ARE SPECIAL ORDER ONLY. LARGER SHELL SIZES ARE AVAILABLE ON REQUEST
4. D38999 AND MANY OTHER CONNECTOR TYPE OPTIONS ARE AVAILABLE, PLEASE CONSULT STANDARD DATASHEET OR FACTORY.
5. USED FOR MODIFICATION TO STANDARD PARTS. IF NO BAND STRAP IS REQUIRED ADD THE MOD CODE: NS. PLEASE CONSULT FACTORY FOR OTHER OPTONS.

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