



KC 2500 EMC BACKSHELLS FOR MULTIPLE TERMINATION DEVICES

- *Light weight and compact and suitable for all standard circular connectors*
- *Good levels of EMC performance*
- *Overall screening by band strap system*
- *Also available without any screen termination device.*
- *Teeth on adaptor body mesh with connector teeth for positive lock.*
- *Blind teeth on aluminium parts for increased screening capability*
- *Sealing by heat shrink boot*

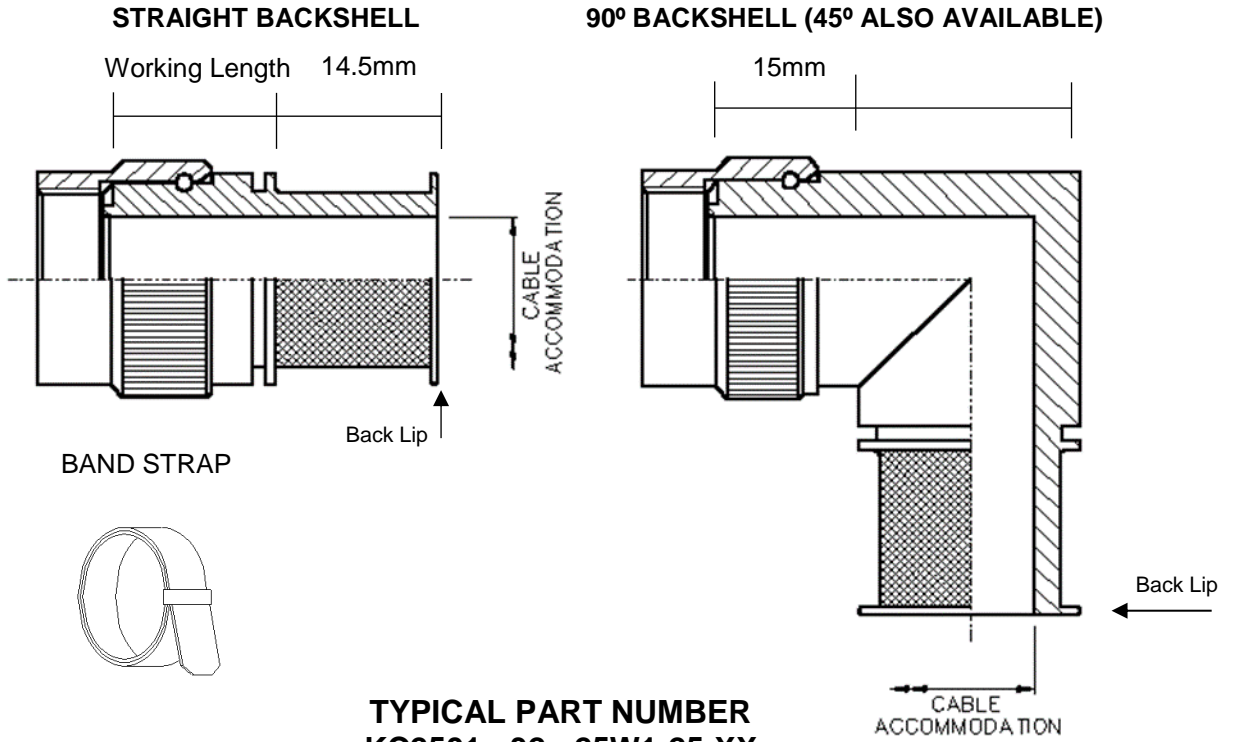
The **KC 2500** series is part of the **KC 2000** range of high performance, EMC backshells for standard circular connectors that consist of eight individual but interrelated products. A variety of techniques are used to provide electromagnetic compatibility, including TEMPEST level performance for both individual and overall screening and environmental protection. KEC also manufactures a wide selection of EMC bulkhead glands, conduit and conduit fittings.

The KC 2500 is provided with band straps as standard for overall screen termination but many customers have their preferred method of screen termination, from simple cable ties, to springs, band straps, clamps, and heat shrinkable metal rings. In some cases large investments have been made in the tooling to apply that screen termination. For those customers the KC 2500 backshell is also available without any screen termination device so that customers can continue to use the termination method of their choice (See Note 3 on reverse).

Suitable for both highly sophisticated and simpler solutions, the KC 2000 range is available at prices that are viable for small batch to high volume production runs. The range is ideal for all defence and aerospace as well as commercial and industrial applications.

KC 2500

AVAILABLE WITH BAND STRAP OR CUSTOMERS CAN USE THE TERMINATION DEVICE OF THEIR CHOICE



**TYPICAL PART NUMBER
KC2501 - 32 - 25W1-25-XX**

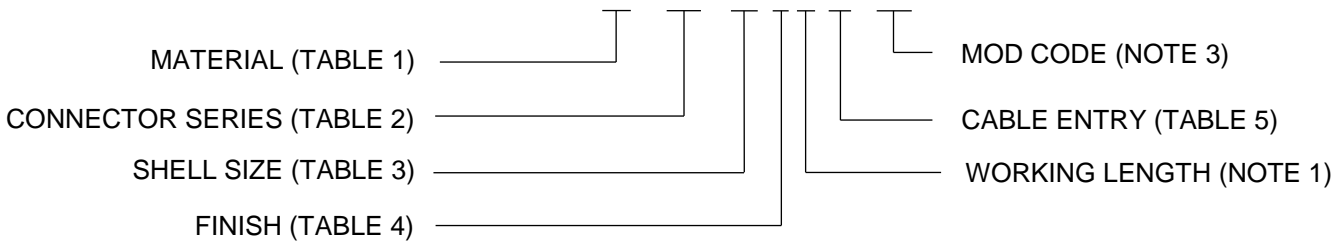


TABLE 1

MATERIAL CODE	
01	ALUMINIUM
02	STAINLESS STEEL
03	ALI BRONZE

TABLE 2

SERIES CODE	CONNECTOR TYPE (TYPICAL)	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 3 & 4 METRIC THREAD (EN3645)	09 - 25
38/58/98	PAN 6433-2 LN29729	08 - 24

TABLE 3

SHELL SIZE
08/09
10/11
12/13
14/15
16/17
18/19
20/21
22/23
24/25

TABLE 5

ENTRY CODE	MAX CABLE ACCOMMODATION
08/09	7.5
10/11	9.3
12/13	12.7
14/15	14.4
16/17	17.8
18/19	19.6
20/21	24.1
22/23	27.0
24/25	29.2

TABLE 4

CODE	DESCRIPTION
G	BLACK ZINC NICKEL
J	ELECTROLESS NICKEL
W	CADMIUM + OLIVE DRAB
Z	ZINC COBALT + OLIVE DRAB

NOTES:

1. WORKING LENGTH IN 0.5" INCREMENTS. FOR EXAMPLE WORKING LENGTH 4 = 2". KC2500 MINIMUM WORKING LENGTH IS 1. (STRAIGHT BACKSHELLS ONLY - OMIT ON ANGLED VERSIONS)
2. USE 22/26/28/32/38 FOR STRAIGHT BACKSHELLS, 42/46/48/52/58 FOR 45° BACKSHELLS & 82/86/88/92/98 FOR 90° BACKSHELLS.
3. IF NO BAND STRAP IS REQUIRED ADD THE MOD CODE: NS. FOR SOME TERMINATION DEVICES THE BACK LIP ALSO NEEDS TO BE REMOVED (consult factory) - THE CODE FOR THIS OPTION IS NL.
4. THE ABOVE INFORMATION IS TYPICAL AND MANY OTHER OPTIONS & VARIATIONS ARE AVAILABLE, PLEASE CONSULT FACTORY.

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