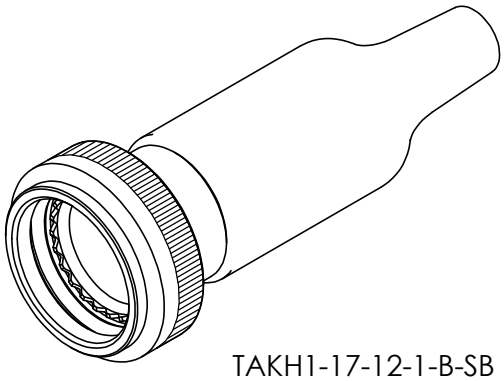
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| REVISIONS | | | | |
|---|---|---|---|---|
| REV | DESCRIPTION | DATE | DWN | APVD |
| AC | ECR-22-126298 | 11/01/2023 | N.H | R.S |
| AD | CRN 26424 | 03/10/2023 | C.W | R.S |
| AE | CRN 26424 | 13/09/2024 | N.H | R.S |



TAKH1-17-12-1-B-SB

- SERIES
- CONNECTOR INTERFACE
- ANGLE
  - 1 - STRAIGHT
  - 2 - 45 DEG
  - 3 - 90 DEG
- SHELL SIZE (SEE TABLE 1)
- ENTRY SIZE (SEE TABLE 2)
- MATERIAL (SEE TABLE 3)
- FINISH (SEE TABLE 3)
- BOOT OPTION
  - UB - ZERO HALOGEN BOOT - UNSCREENED *(AVAILABLE ON ANGLES 1,2 & 3)*
  - SB - ZERO HALOGEN BOOT *(AVAILABLE ON ANGLES 1,2 & 3)*
  - 25AH - STRAIGHT DIESEL RESISTANT BOOT - UNSCREENED *(ONLY AVAILABLE ON ANGLE 1)*
  - 25CH - STRAIGHT DIESEL RESISTANT BOOT *(ONLY AVAILABLE ON ANGLE 1)*
  - 100DH - 45DEG ZERO HALOGEN BOOT *(ONLY AVAILABLE ON ANGLE 1)*
  - 25DH - 45DEG DIESEL RESISTANT BOOT *(ONLY AVAILABLE ON ANGLE 1)*
  - 100BH - 90DEG ZERO HALOGEN BOOT - UNSCREENED *(ONLY AVAILABLE ON ANGLE 1)*
  - 100EH - 90DEG ZERO HALOGEN BOOT *(ONLY AVAILABLE ON ANGLE 1)*
  - 25BH - 90DEG DIESEL RESISTANT BOOT - UNSCREENED *(ONLY AVAILABLE ON ANGLE 1)*
  - 25EH - 90DEG DIESEL RESISTANT BOOT *(ONLY AVAILABLE ON ANGLE 1)*

1. THIS PRODUCT IS DESIGNED TO TERMINATE A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.

2. BACKSHELL TO BE PERMANENTLY MARKED/BAGGED AND LABELLED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER. (e.g. U5792-TAKH1-17-08-1-B).

3. BRAID TERMINATION MAY USE A TINEL-LOCK SHAPE MEMORY RING AT MANUFACTURERS DISCRETION.

4. BACKSHELL MATES TO MIL-DTL-38999, SERIES III AND IV, CLASS C, F, K, AND W, D38999/20, /24, /26, /40, /46 AND /47 CONNECTORS, AND WHEN SO MATED SHALL PROVIDE A WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF MIL-C-85049, PARA. 3. 5. 7.

5. ALL BOOTS ARE SUPPLIED ADHESIVE LINED. PLEASE REFER TO INSTALLATION GUIDE ASQAW0201.

6. ASSEMBLY KIT TO INCLUDE ONE CLEANING TISSUE, ONE 100 GRIT EMERY CLOTH & DR25 HEATSHRINK TUBING PACKING PIECES, BAGGED SEPARATELY.

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DIMENSIONS: MILLIMETERS

TOLERANCES UNLESS OTHERWISE SPECIFIED:

GENERAL TOL
LINEAR ±0,25MM
ANGULAR ±1°

DWN: J.CLARK 04/10/2010
CHK: D.WRIGLEY 05/10/2020
APVD: M.PAUL 06/10/2010
PRODUCT SPEC: –
APPLICATION SPEC: –
WEIGHT:

MATERIAL: SEE P/N BREAKDOWN
FINISH: SEE P/N BREAKDOWN

TE Connectivity

PART NUMBER: TAKH SERIES

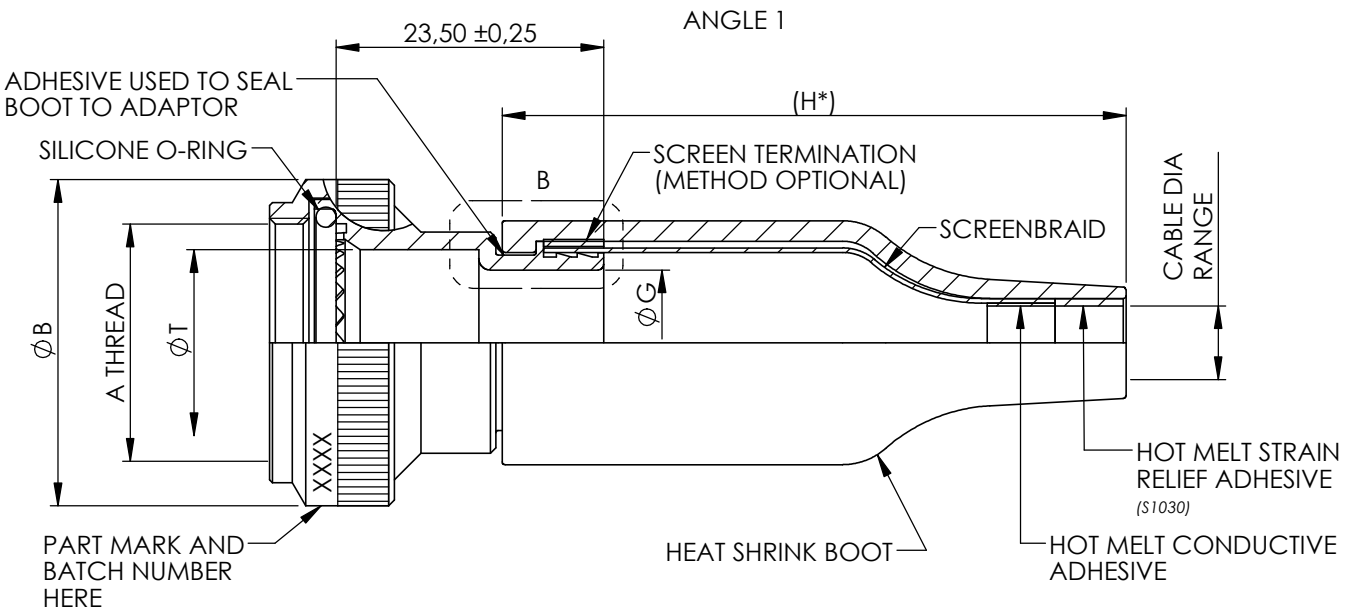
NAME: HEAT SHRINK BACKSHELL KIT

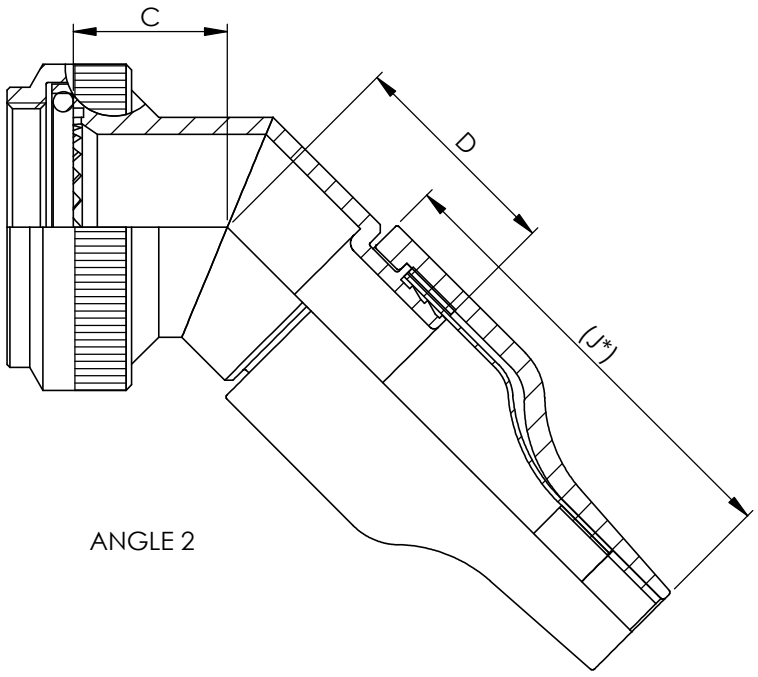
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A4 | U5792 | C-P13852 | |

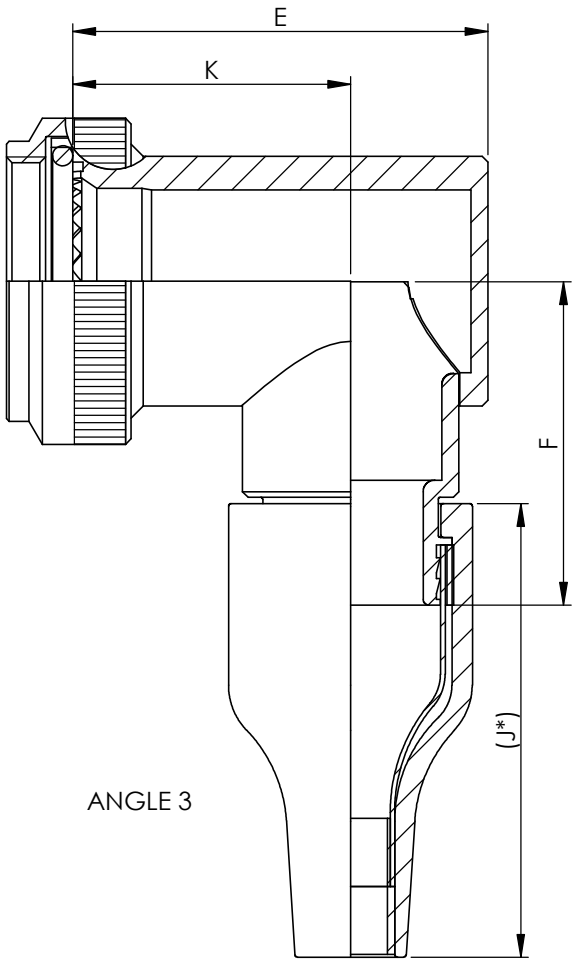
CUSTOMER DRAWING | SCALE 1.5:1 | SHEET 1 OF 4 | REV AE

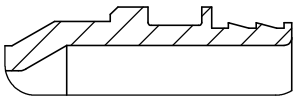
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REVISIONS



DETAIL B
ALTERNATIVE PROFILE

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GENERAL TOL
LINEAR ±0,25MM
ANGULAR ±1°

DWN: J.CLARK 04/10/2010
CHK: D.WRIGLEY 05/10/2020
APVD: M.PAUL 06/10/2010
PRODUCT SPEC: –
APPLICATION SPEC: –
WEIGHT:

MATERIAL: SEE P/N BREAKDOWN
FINISH: SEE P/N BREAKDOWN

TE Connectivity

PART NUMBER: TAKH SERIES

NAME: HEAT SHRINK BACKSHELL KIT

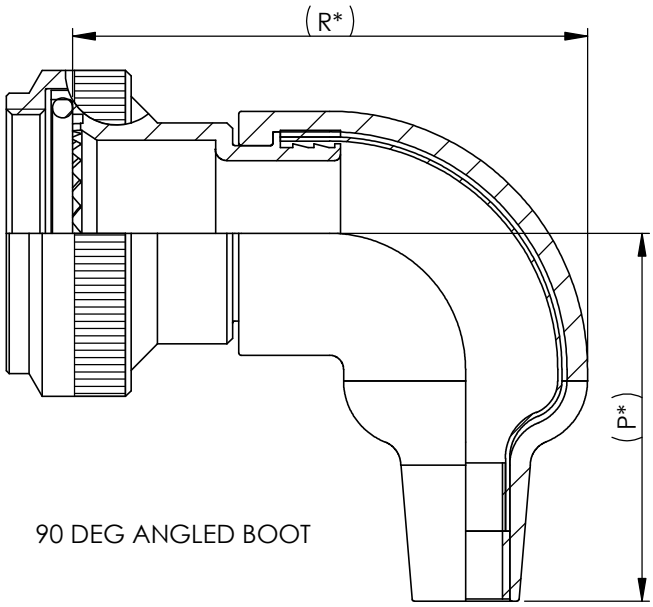
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A4 | U5792 | C-P13852 | |

CUSTOMER DRAWING

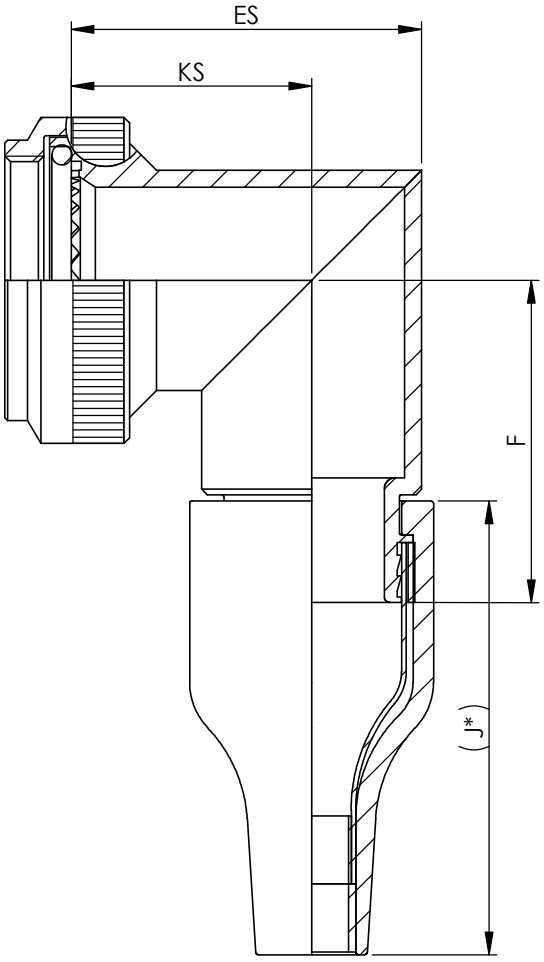
SCALE 1.5:1 SHEET 2 OF 4 REV AE

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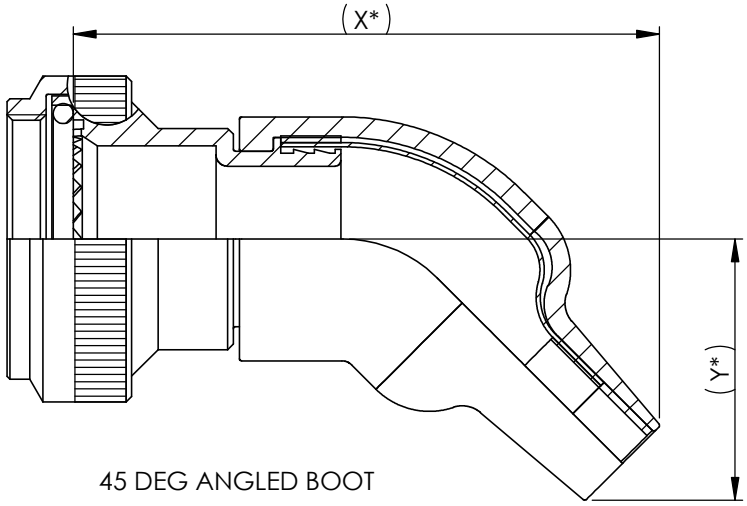
REVISIONS




90 DEG ANGLED BOOT




STAINLESS STEEL
NICKEL ALUMINIUM BRONZE
ANGLE 3




45 DEG ANGLED BOOT

*NOTE:
'DIMENSIONS ONLY APPLY AFTER UNRESTRICTED RECOVERY - THE PART IS SUPPLIED WITH THE BOOT IN AN UN-RECOVERED STATE'

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| | | | |
|---|---|---|---|
| DIMENSIONS: MILLIMETERS | DWN: J.CLARK 04/10/2010 | MATERIAL: SEE P/N BREAKDOWN | FINISH: SEE P/N BREAKDOWN |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: GENERAL TOL LINEAR ±0,25MM ANGULAR ±1° | CHK: D.WRIGLEY 05/10/2020 | TE Connectivity | |
| | APVD: M.PAUL 06/10/2010 | PART NUMBER: TAKH SERIES | |
| | PRODUCT SPEC: – | NAME: HEAT SHRINK BACKSHELL KIT | |
| | APPLICATION SPEC: – | SIZE A4 / CAGE CODE U5792 / DRAWING NO C-P13852 | RESTRICTED TO |
| | WEIGHT: | CUSTOMER DRAWING | SCALE 1.5:1 / SHEET 3 OF 4 / REV AE |

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REVISIONS

TABLE 1

| SHELL SIZE | A THREAD | B MAX | T MIN | C MAX | D ±0,50 | E MAX | F MAX | K ±0,50 | ES MAX | KS ±0,50 |
|---|---|---|---|---|---|---|---|---|---|---|
| 09 | M12 x 1,0 | 18,0 | 6,7 | 13,1 | 17,1 | 25,7 | 24,0 | 17,5 | 21,5 | 16,3 |
| 11 | M15 x 1,0 | 21,0 | 10,2 | 13,9 | 18,2 | 26,7 | 25,7 | 17,5 | 24,6 | 17,2 |
| 13 | M18 x 1,0 | 24,5 | 13,5 | 14,5 | 18,6 | 31,2 | 27,2 | 20,0 | 28,6 | 19,4 |
| 15 | M22 x 1,0 | 29,0 | 16,2 | 15,5 | 19,5 | 37,2 | 28,7 | 24,5 | 31,3 | 21,0 |
| 17 | M25 x 1,0 | 32,5 | 19,4 | 16,1 | 20,3 | 40,2 | 30,4 | 26,7 | 34,5 | 22,8 |
| 19 | M28 x 1,0 | 35,5 | 21,8 | 16,8 | 20,8 | 44,7 | 32,0 | 27,0 | 38,7 | 25,3 |
| 21 | M31 x 1,0 | 37,0 | 25,1 | 17,1 | 21,7 | 49,2 | 33,6 | 30,5 | 41,0 | 26,1 |
| 23 | M34 x 1,0 | 40,0 | 28,2 | 17,7 | 22,0 | 51,7 | 35,1 | 31,5 | 43,9 | 27,6 |
| 25 | M37 x 1,0 | 43,5 | 31,4 | 18,4 | 22,9 | 53,2 | 36,6 | 28,5 | 46,7 | 29,1 |

TABLE 2

| ENTRY SIZE | ØG MIN | H MAX | J MAX | R MAX | P MAX | X MAX | Y MAX | CABLE DIA RANGE |
|---|---|---|---|---|---|---|---|---|
| 05 | 7,9 | 60 | 40 | 45 | 35 | 70 | 35 | 4,5 - 9,0 |
| 08 | 12,7 | 60 | 40 | 50 | 40 | 80 | 40 | 6,0 - 12,0 |
| 10 | 15,8 | 72 | 48 | 55 | 50 | 90 | 45 | 7,5 - 15,0 |
| 12 | 19,0 | 72 | 48 | 60 | 55 | 100 | 55 | 9,0 - 18,0 |
| 16 | 25,4 | 95 | 55 | 65 | 65 | 110 | 65 | 10,0 - 25,0 |
| 20 | 31,8 | 125 | 70 | 65 | 65 | 120 | 65 | 12,5 - 30,0 |
| 24 | 38,1 | 125 | 70 | 75 | 90 | 130 | 75 | 15,0 - 36,0 |

TABLE 3

| MATERIAL / FINISH | DESCRIPTION |
|---|---|
| 1-B | ALUMINIUM ALLOY - CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL |
| 1-C | ALUMINIUM ALLOY - ELECTROLESS NICKEL |
| 2-Z | NICKEL ALUMINIUM BRONZE - SHOTBLAST |
| 4-J | STAINLESS STEEL - PASSIVATE |

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PART NUMBER: TAKH SERIES

NAME: HEAT SHRINK BACKSHELL KIT

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A4 | U5792 | C-P13852 | |

CUSTOMER DRAWING

SCALE 1.5:1 SHEET 4 OF 4 REV AE