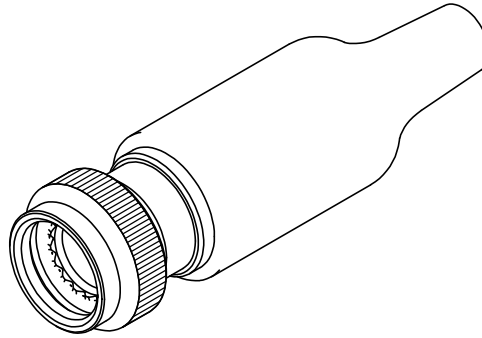


REVISIONS				
REV	DESCRIPTION	DATE	DWN	APVD
3	DCR 3969	12/07/2013	K.K-W	K.S
AA	ECR 7973	11/11/2020	N.H	R.S
AB	ECR-24-222995 (CRN 26424)	08/10/2024	N.H	D.W



TAKF1-16-12-1-B-SB

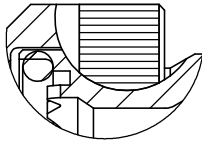
- SERIES _____
- CONNECTOR INTERFACE _____
- ANGLE _____
 - 1 - STRAIGHT
 - 2 - 45 DEG
 - 3 - 90 DEG
- SHELL SIZE (SEE TABLE 1) _____
- ENTRY SIZE (SEE TABLE 2) _____
- MATERIAL (SEE TABLE 3) _____
- FINISH (SEE TABLE 3) _____
- BOOT OPTION _____
 - UB - ZERO HALOGEN BOOT - UNSCREENED (AVAILABLE ON ANGLES 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 SCREENED OR UNSCREENED CABLE TO A CONNECTOR.
2. BACKSHELL TO BE PERMANENTLY MARKED/BAGGED AND LABELLED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER. (e.g. U5792-TAKF1-10-08-1-B).
3. BRAID TERMINATION MAY USE A TINEL-LOCK SHAPE MEMORY RING AT MANUFACTURERS DISCRETION.
4. BACKSHELL MATES TO MIL-DTL-38999 SERIES I AND II - CLASS E AND T, MS27466, MS27467, MS27468, MS27472, MS27473, MS27474, MS27479, MS27480, MS27481, MS27484, MS27497, MS27652, MS27653, MS27656 CONNECTORS.
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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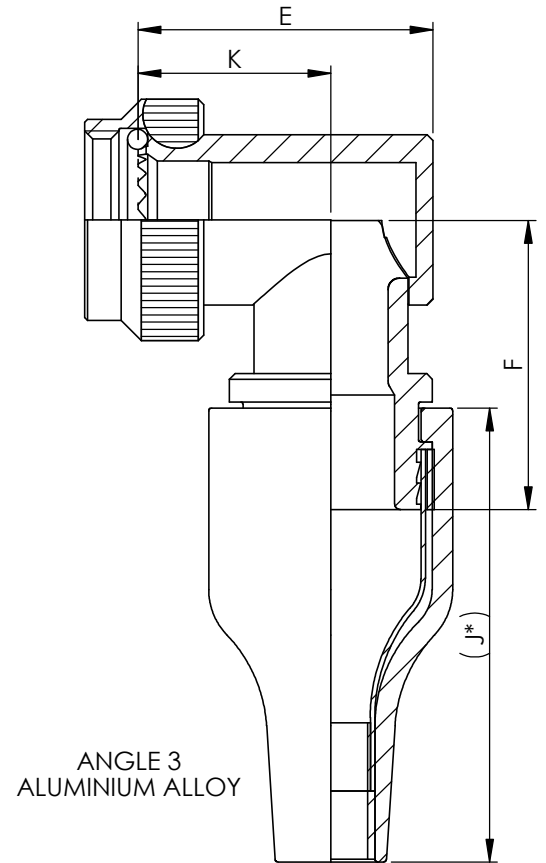
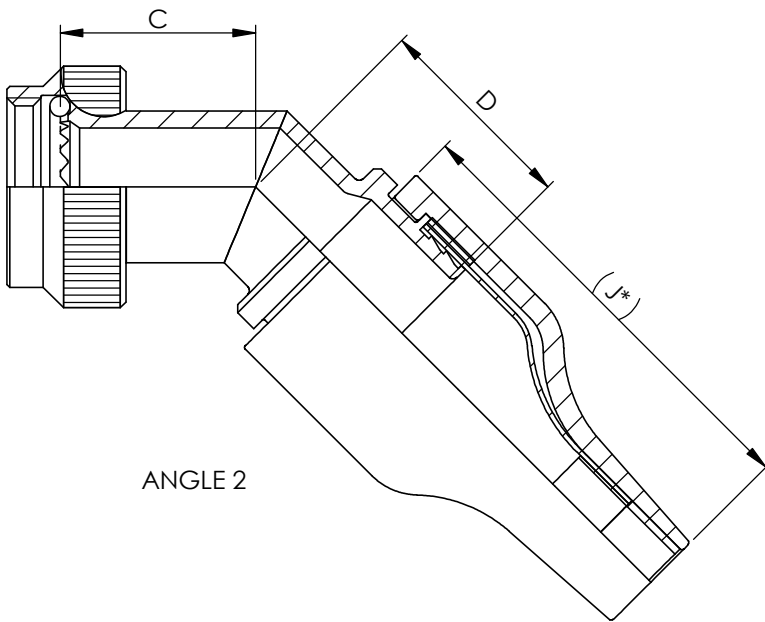
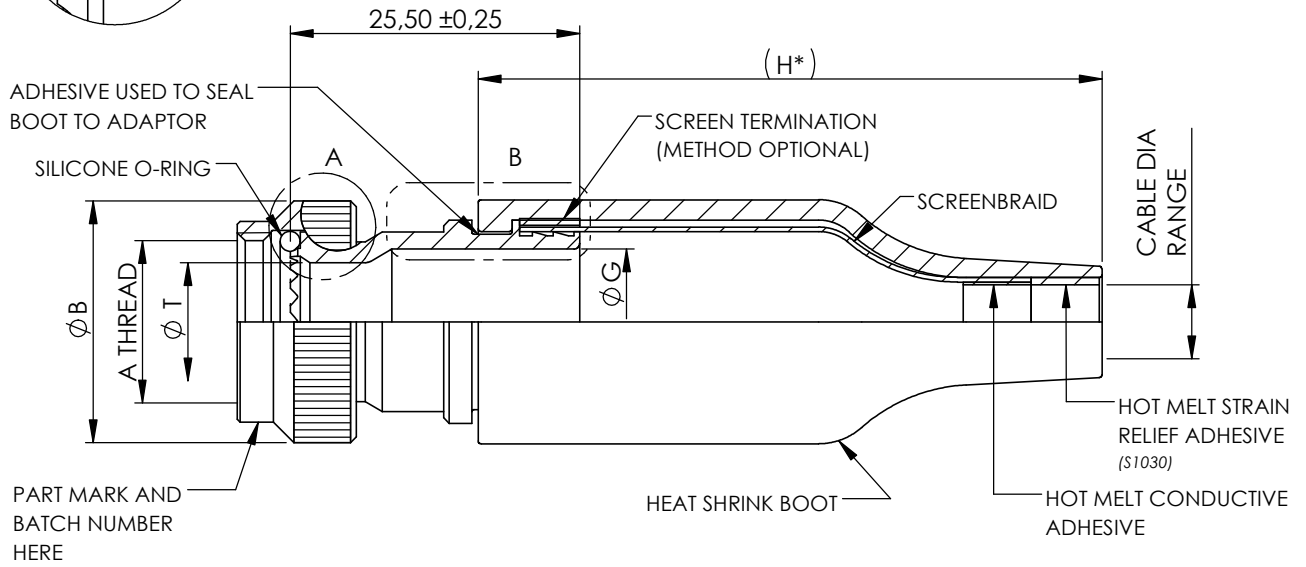
DIMENSIONS: MILLIMETERS	DWN: J.CLARK	21/05/2009	MATERIAL: SEE P/N BREAKDOWN	FINISH: SEE P/N BREAKDOWN				
	CHK: ADP	21/05/2009	TE Connectivity					
TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: M.PAUL	21/05/2009			PART NUMBER: TAKF SERIES 1 & 2			
GENERAL TOL LINEAR ± 0.25 MM ANGULAR $\pm 1^\circ$	PRODUCT SPEC:	-	NAME: HEAT SHRINK BACKSHELL KIT					
	APPLICATION SPEC:	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
	WEIGHT:	-	A4	U5792	C=P13023			
	CUSTOMER DRAWING			SCALE	1:1	SHEET	1 OF 4	REV

DETAIL A
SERIES 1 INTERFACE PROFILE

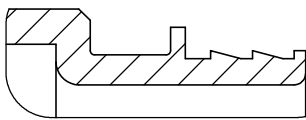


REVISIONS

ANGLE 1
(SERIES 2 INTERFACE PROFILE SHOWN)



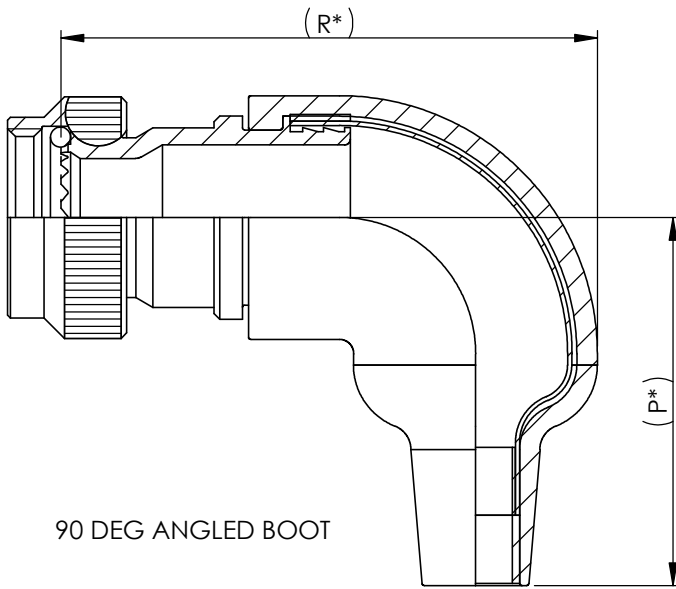
DETAIL B
ALTERNATIVE BACKSHELL PROFILE



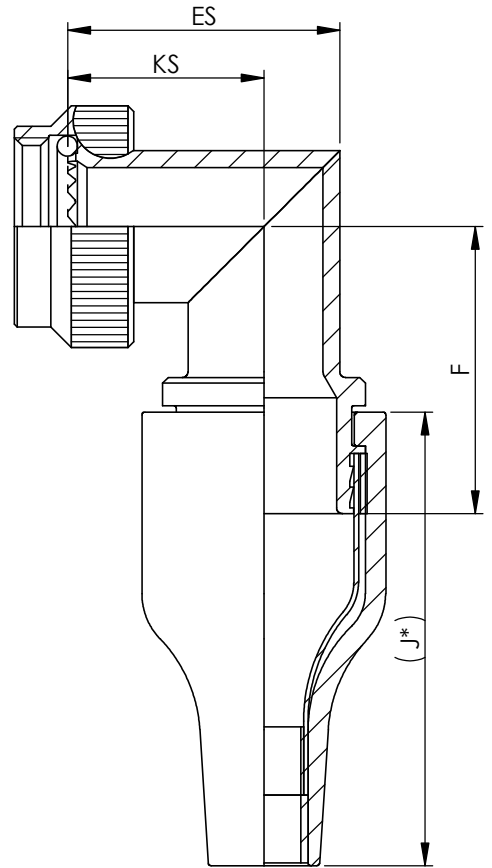
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DIMENSIONS: MILLIMETERS	DWN: J.CLARK	21/05/2009	MATERIAL: SEE P/N BREAKDOWN	FINISH: SEE P/N BREAKDOWN
	CHK: ADP	21/05/2009	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: M.PAUL	21/05/2009		
	GENERAL TOL LINEAR $\pm 0,25$ MM ANGULAR $\pm 1^\circ$	PRODUCT SPEC:	NAME: HEAT SHRINK BACKSHELL KIT	
	APPLICATION SPEC:	SIZE	CAGE CODE	DRAWING NO
	WEIGHT:	A4	U5792	©-P13023
CUSTOMER DRAWING	SCALE 1.5:1		SHEET 2 OF 4	REV AB

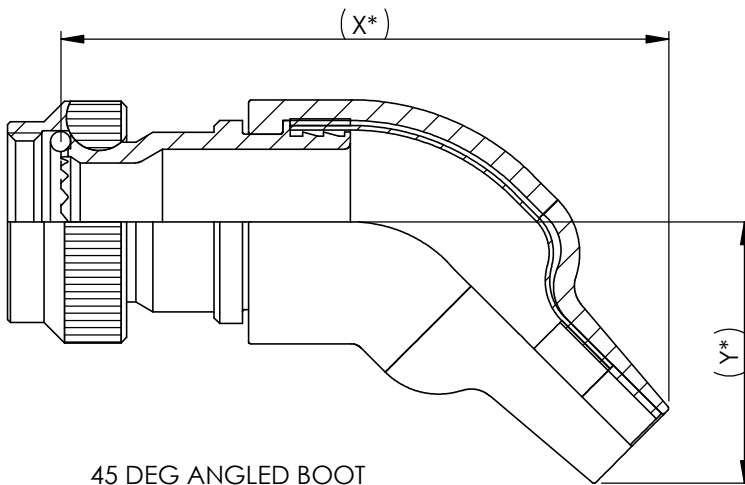
REVISIONS



90 DEG ANGLED BOOT





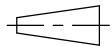
ANGLE 3
STAINLESS STEEL
NICKEL ALUMINIUM BRONZE



45 DEG ANGLED BOOT

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

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DIMENSIONS: MILLIMETERS	DWN: J.CLARK	21/05/2009	MATERIAL: SEE P/N BREAKDOWN	FINISH: SEE P/N BREAKDOWN
	CHK: ADP	21/05/2009	 TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: M.PAUL	21/05/2009		
GENERAL TOL LINEAR ± 0.25 MM ANGULAR $\pm 1^\circ$	PRODUCT SPEC:	-	NAME:	
	APPLICATION SPEC:	-	HEAT SHRINK BACKSHELL KIT	
 	WEIGHT:	A4	U5792	C=P13023
	CUSTOMER DRAWING	SCALE	1.5:1	SHEET 3 OF 4

REVISIONS

TABLE 1

SHELL SIZE		A THREAD	B MAX	T MIN	C ±0,50	D ±0,50	E MAX	F MAX	K ±0,50	ES MAX	KS ±0,50
SERIES II	SERIES I										
08		7/16-28UNEF	18,3	6,6	16,4	17,1	22,7	24,0	15,0	21,3	16,4
	09			6,8							
10		9/16-24UNEF	21,5	10,1	17,2	18,2	26,2	25,7	17,0	24,4	17,3
	11			10,2							
12		11/16-24UNEF	24,5	12,9	17,6	18,6	29,2	27,2	18,0	28,4	19,5
	13			13,1							
14		13/16-20UNEF	27,8	16,1	18,5	19,5	32,2	28,7	20,0	31,2	21,0
	15			16,2							
16		15/16-20UNEF	30,8	19,3	20,2	20,3	35,7	30,4	21,5	34,3	22,8
	17										
18		1 1/16-18UNEF	34,1	21,7	19,6	20,8	39,7	32,0	23,0	38,6	25,3
	19			22,3							
20		1 3/16-18UNEF	37,3	24,9	20,4	21,7	42,2	33,6	25,0	40,8	26,1
	21			25,8							
22		1 5/16-18UNEF	40,5	28,1	20,8	22,0	45,2	35,1	26,0	43,8	27,6
	23		41,0	28,3							
24		1 7/16 -18UNEF	43,7	31,3	21,7	22,9	48,2	36,6	28,0	46,5	29,1
	25			31,5							

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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DIMENSIONS: MILLIMETERS	DWN: J.CLARK	21/05/2009	MATERIAL: SEE P/N BREAKDOWN	FINISH: SEE P/N BREAKDOWN	
	CHK: ADP		 TE Connectivity		
TOLERANCES UNLESS OTHERWISE SPECIFIED: GENERAL TOL LINEAR ±0,25MM ANGULAR ±1°	APVD: M.PAUL				PART NUMBER: TAKF SERIES 1 & 2
	PRODUCT SPEC: -		NAME: HEAT SHRINK BACKSHELL KIT		
APPLICATION SPEC: -		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
WEIGHT:		A4	U5792	 -P13023	
CUSTOMER DRAWING			SCALE	SHEET	REV
			1,2:1	4 <input type="checkbox"/> 4	AB