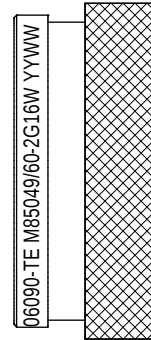
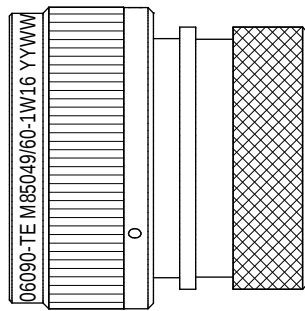


REVISIONS				
REV	DESCRIPTION	DATE	CHANGED BY	APPROVED BY

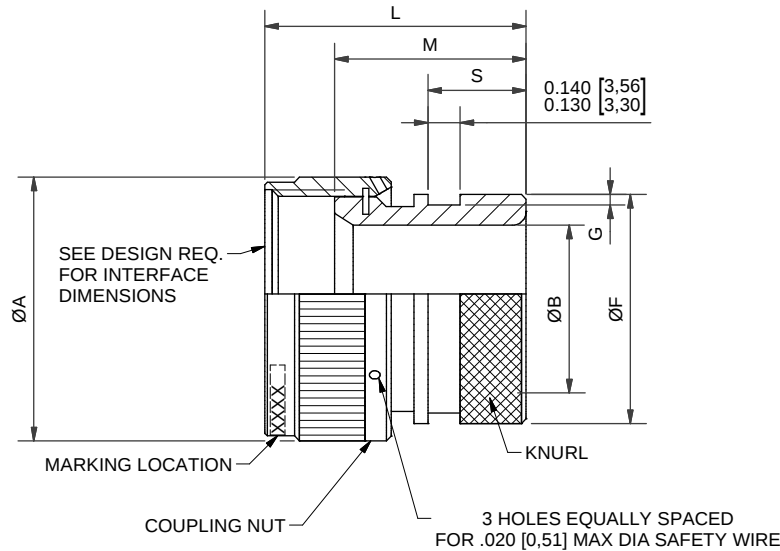


HEAT SHRINK BOOT BACKSHELL

1. THIS PRODUCT IS DESIGNED TO TERMINATE A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR, AND DESIGNED TO MEET PERFORMANCE REQUIREMENT OF AS85049/60, CATEGORY 5.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/60 DESIGNATION. e.g. M85049/60-1W16 / M85049/60-2G16W.
3. THIS BACKSHELL MATES TO CONNECTOR MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES III.
4. FOR ALTERNATIVE MATERIALS AND PLATING FINISHES CONTACT TE CONNECTIVITY.

DIMENSIONS INCHES	DWN: DIW	24/05/2018	MATERIAL: -		FINISH: -	
	CHK: M. PAUL	24/05/2018	TE CONNECTIVITY			
TOLERANCES UNLESS OTHERWISE SPECIFIED: GENERAL TOL LINEAR +/-0.01" ANGULAR +/- 1°	APRD: M. PAUL	24/05/2018	PART NUMBER: R85049/60 SERIES			
	PRODUCT SPEC: -		NAME: HEAT SHRINK BOOT BACKSHELL, TO SPEC AS85049/60 CAT 5			
	APPLICATION SPEC: -					
	WEIGHT: -		SIZE: A4	CAGE CODE: 06090	DRAWING NO:  P41019	RESTRICTED TO:
	Customer Drawing			SCALE: 2 : 1		SHEET: 1 OF 3

FIGURE 1



M85049/60-1W16

MILITARY DESIGNATOR
SPECIFICATION SHEETFIGURE
FINISH (TABLE 3)

DASH NUMBER (TABLE 1)

TABLE 1 - FIGURE 1: METRIC DIMENSIONS [XX,XX] ARE SHOWN FOR REFERENCE ONLY.

FOR CONNECTOR SHELL SIZE (REF)				ØA +.000/-0.045 [+0,00/-1,14]	ØB MIN	ØF +.000/-0.020 [+0,00/-0,51]	L MAX	M MAX	S ±0.031 [±0,79]	G +.008/-0.000 [+0,20/-0,00]
DASH NUMBER	MIL-C-81703 SERIES III	MIL-C-26482 SERIES II & MIL-C-83723 SERIES III	MIL-C-5015 CRIMP							
3	3	-	-	.669 [16,99]	.250 [6,35]	.533 [13,54]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.044 [1,12]
8	-	8	8S	.617 [15,67]	.250 [6,35]	.533 [13,54]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.044 [1,12]
10	-	10	10S, 10SL	.734 [18,64]	.355 [9,02]	.605 [15,37]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.044 [1,12]
12	7	12	12S, 12	.858 [21,79]	.491 [12,47]	.774 [19,66]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.044 [1,12]
14	12	14	14S, 14	.984 [24,99]	.565 [14,35]	.838 [21,29]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.044 [1,12]
16	19	16	16S, 16	1.112 [28,24]	.690 [17,53]	.963 [24,46]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.044 [1,12]
18	27	18	18	1.218 [30,94]	.769 [19,53]	1.042 [26,47]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.044 [1,12]
20	37	20	20	1.345 [34,16]	.894 [22,71]	1.217 [30,91]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.069 [1,75]
22	-	22	22	1.468 [37,29]	1.019 [25,88]	1.355 [34,42]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.069 [1,75]
24	-	24	24	1.593 [40,46]	1.134 [28,80]	1.443 [36,65]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.069 [1,75]
28	-	-	28	1.969 [50,01]	1.369 [34,77]	1.709 [43,41]	1.511 [38,38]	.994 [25,25]	.406 [10,31]	.069 [1,75]
32	-	-	32	2.219 [56,36]	1.615 [41,02]	1.919 [48,74]	1.511 [38,38]	.994 [25,25]	.563 [14,30]	.086 [2,18]
36	-	-	36	2.469 [62,71]	1.830 [46,48]	2.169 [55,09]	1.511 [38,38]	.994 [25,25]	.563 [14,30]	.086 [2,18]
40	-	-	40	2.719 [69,06]	2.045 [51,94]	2.402 [61,01]	1.511 [38,38]	.994 [25,25]	.563 [14,30]	.086 [2,18]
44	-	-	44	2.969 [75,41]	2.300 [58,42]	2.657 [66,69]	1.511 [38,38]	.994 [25,25]	.563 [14,30]	.086 [2,18]
48	-	-	48	3.219 [81,76]	2.550 [64,77]	2.907 [73,84]	1.511 [38,38]	.994 [25,25]	.563 [14,30]	.086 [2,18]
61	61	-	-	1.653 [41,99]	1.174 [29,82]	1.529 [38,84]	1.187 [30,15]	.832 [21,13]	.406 [10,31]	.069 [1,75]

DIMENSIONS
INCHES

DWN: DIW

24/05/2018

MATERIAL: -

FINISH: -

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

CHK: M. PAUL

24/05/2018

APRD: M. PAUL

24/05/2018

PRODUCT SPEC:

-

APPLICATION SPEC:

-

WEIGHT: -

PART NUMBER:

R85049/60 SERIES

NAME:

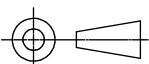
HEAT SHRINK BOOT BACKSHELL, TO SPEC AS85049/60 CAT 5

SIZE: A4

CAGE CODE:
06090

DRAWING NO: © P41019

RESTRICTED TO:



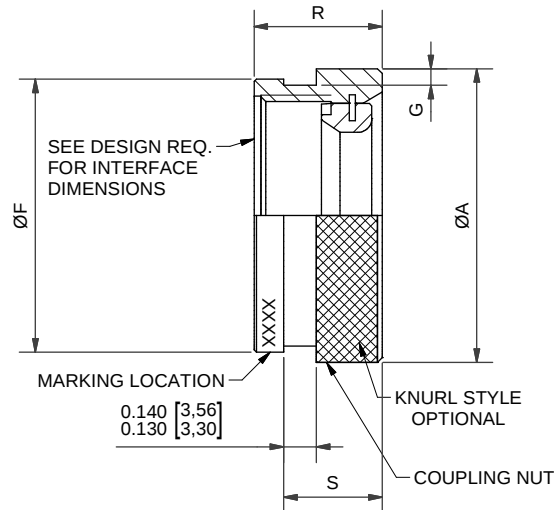
Customer Drawing

SCALE: 1.75

SHEET: 2 OF 3

REV: AB

FIGURE 2



M85049/60-2G10W

MILITARY DESIGNATOR
SPECIFICATION SHEETFIGURE
STYLE

DASH NUMBER (TABLE 2)

FINISH (TABLE 3)

TABLE 2 - FIGURE 2: METRIC DIMENSIONS [XX.XX] ARE SHOWN FOR REFERENCE ONLY.

FOR CONNECTOR SHELL SIZE (REF)				$\varnothing A$ +0.000/-0.045 [+0,00/-1,14]	$\varnothing F$ +0.000/-0.020 [+0,00/-0,51]	S ± 0.031 [$\pm 0,79$]	G +0.008/-0.000 [+0,20/-0,00]	R MAX
DASH NUMBER	MIL-C-81703 SERIES III	MIL-C-26482 SERIES II & MIL-C-83723 SERIES III	MIL-C-5015 CRIMP					
3	3	-	-	.750 [19,05]	.709 [18,01]	.406 [10,31]	.044 [1,12]	.540 [13,72]
8	-	8	8S	.688 [17,48]	.657 [16,69]	.406 [10,31]	.044 [1,12]	.540 [13,72]
10	-	10	10S, 10SL	.803 [20,40]	.774 [19,66]	.406 [10,31]	.044 [1,12]	.540 [13,72]
12	7	12	12S, 12	.938 [23,83]	.898 [22,81]	.406 [10,31]	.044 [1,12]	.540 [13,72]
14	12	14	14S, 14	1.063 [27,00]	1.024 [26,01]	.406 [10,31]	.044 [1,12]	.540 [13,72]
16	19	16	16S, 16	1.238 [31,45]	1.152 [29,26]	.406 [10,31]	.069 [1,75]	.540 [13,72]
18	27	18	18	1.310 [33,27]	1.243 [31,57]	.406 [10,31]	.069 [1,75]	.540 [13,72]
20	37	20	20	1.436 [36,47]	1.370 [34,80]	.406 [10,31]	.069 [1,75]	.540 [13,72]
22	-	22	22	1.560 [39,62]	1.443 [36,65]	.406 [10,31]	.069 [1,75]	.540 [13,72]
24	-	24	24	1.686 [42,82]	1.618 [41,10]	.406 [10,31]	.069 [1,75]	.540 [13,72]
28	-	-	28	2.062 [52,37]	1.969 [50,01]	.563 [14,30]	.086 [2,18]	.702 [17,83]
32	-	-	32	2.312 [58,72]	2.219 [56,36]	.563 [14,30]	.086 [2,18]	.702 [17,83]
36	-	-	36	2.562 [65,07]	2.469 [62,71]	.563 [14,30]	.086 [2,18]	.702 [17,83]
40	-	-	40	2.812 [71,42]	2.719 [69,06]	.563 [14,30]	.086 [2,18]	.702 [17,83]
44	-	-	44	3.062 [77,77]	2.969 [75,41]	.563 [14,30]	.086 [2,18]	.702 [17,83]
48	-	-	48	3.312 [84,12]	3.219 [81,76]	.563 [14,30]	.086 [2,18]	.702 [17,83]
61	61	-	-	1.748 [44,40]	1.653 [41,99]	.406 [10,31]	.069 [1,75]	.540 [13,72]

TABLE 3

FINISH CODE	DESCRIPTION
N	ELECTROLESS NICKEL (96HRS SALT SPRAY RESISTANCE)
W	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL (1000HRS SALT SPRAY RESISTANCE)
Z	ZINC NICKEL BLACK PASSIVATE OVER ELECTROLESS NICKEL (1000HRS SALT SPRAY RESISTANCE)

DIMENSIONS INCHES	DWN: DIW 24/05/2018	MATERIAL: -	FINISH: -
TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK: M. PAUL 24/05/2018	 TE CONNECTIVITY	
GENERAL TOL LINEAR +/- 0.01" ANGULAR +/- 1°	APRD: M. PAUL 24/05/2018		
	PRODUCT SPEC:	PART NUMBER: R85049/60 SERIES	
	APPLICATION SPEC:	NAME: HEAT SHRINK BOOT BACKSHELL, TO SPEC AS85049/60 CAT 5	
	WEIGHT: -	SIZE: A4	CAGE CODE: 06090
	Customer Drawing	DRAWING NO:  P41019	RESTRICTED TO:
		SCALE: 1.75	SHEET: 3 OF 3
			REV: AB