




## CODE 40 - BRAID TAIL BACKSHELL

**208M816-19B08**

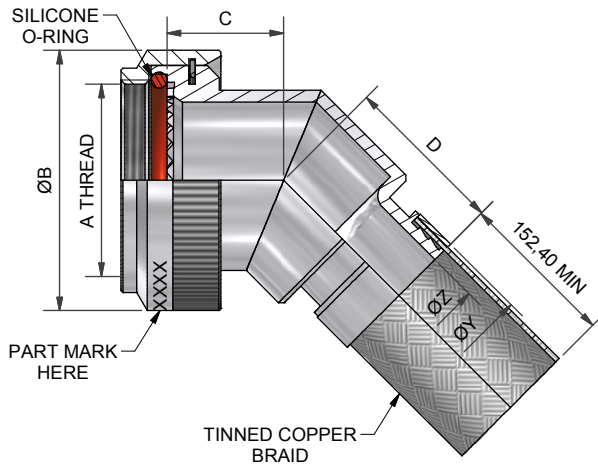
SERIES  
ORDER NUMBER (TABLE 1)  
MATERIAL  
REFER TO CH00-0250-004  
FINISH  
REFER TO CH00-0250-004 (2)  
ENTRY SIZE (TABLE 2)

### NOTES:

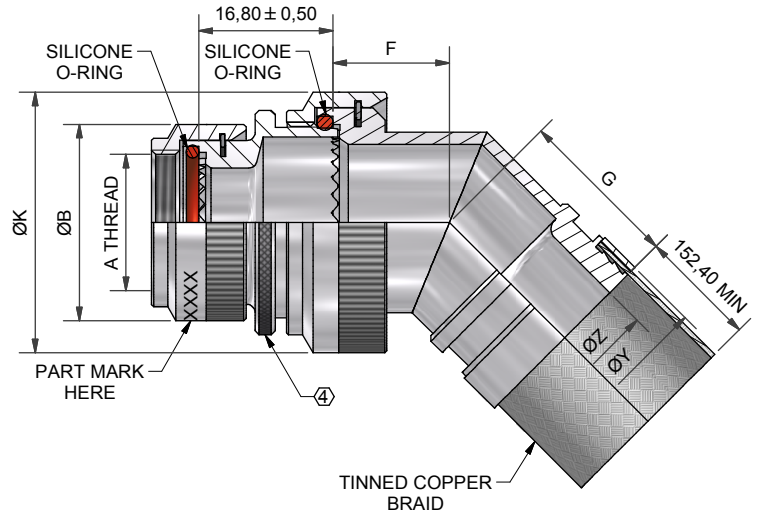
1. THIS PRODUCT IS DESIGNED TO TERMINATE A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- (2) FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-004.
3. BACKSHELL TO BE PERMANENTLY MARKED/BAGGED AND LABELLED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER. (e.g. 06090-208M812-19B08).
- (4) WHEN ENTRY SIZE EXCEEDS "MAX ENTRY", A 2 PIECE BACKSHELL (TYPE 2) IS SUPPLIED.
5. BRAID TERMINATION RING MAY BE SUPPLIED AS TINEL-LOCK SHAPE MEMORY RING AT MANUFACTURERS OPTION.
6. 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.

DRAWN	B.VESA	DATE 05/10/2015	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE:  BRAID TAIL BACKSHELL		 Polamco  		
CHECKED		05/10/2015						
APPROVED	K.SHEPPARD	05/10/2015		ASSY USED ON:  MIL-DTL-38999 SERIES III & IV				
APPROVED	H.SMITH	09/10/2015						
REVISIONS			UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES <b>GENERAL TOL</b> LINEAR +/-0.25MM ANGULAR +/- 1°					
LTR	DESCRIPTION	DATE		APPROVED				
K	REVISED PER ECN AD94021							
L	REVISED PER ECO-15-014564	09/10/2015		H.SMITH				
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792				TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.		DRAWING NO: <b>208M8XX</b>	DRAWING REV: <b>L</b>	SHT <b>1</b>

IF MAX ENTRY IS EXCEEDED, BACKSHELL  
WILL BE SUPPLIED AS TYPE 2



45° BACKSHELL - TYPE 1




45° BACKSHELL - TYPE 2



TABLE 1

ORDER NUMBER	SHELL SIZE COML / MIL	A THREAD	ØB MAX	MAX ENTRY (4)	C ±0,5	D ±0,5
08	9 / A	M12x1.0	18,0	04	12,0	17,1
10	11 / B	M15x1.0	21,0	07	12,5	18,2
12	13 / C	M18x1.0	24,5	09	13,1	18,6
14	15 / D	M22x1.0	29,0	10	13,5	19,5
16	17 / E	M25x1.0	32,5	12	14,5	20,3
18	19 / F	M28x1.0	35,5	14	15,5	20,8
20	21 / G	M31x1.0	37,0	16	16,1	21,7
22	23 / H	M34x1.0	40,0	18	16,5	22,0
24	25 / J	M37x1.0	43,5	20	17,0	22,9

TABLE 2

ENTRY SIZE	ØZ REF	ØY REF	ØK MAX	F ±0,5	G ±0,5
03	4,77	13,1	NA	NA	NA
04	6,35	13,1	NA	NA	NA
05	7,92	13,1	21,0	12,5	18,2
06	9,52	17,9	21,0	12,5	18,2
07	11,12	17,9	21,0	12,5	18,2
08	12,70	17,9	24,5	13,1	18,6
09	14,27	17,9	24,5	13,1	18,6
10	15,87	24,2	29,0	13,5	19,5
11	17,47	24,2	32,5	14,5	20,3
12	19,05	24,2	32,5	14,5	20,3
13	20,62	24,2	35,5	15,5	20,8
14	22,23	30,6	35,5	15,5	20,8
15	23,82	30,6	37,0	16,1	21,7
16	25,40	30,6	37,0	16,1	21,7
17	26,98	33,2	40,0	16,5	22,0
18	28,60	33,2	40,0	16,5	22,0
20	31,80	42,0	43,5	17,0	22,9
21	33,34	42,0	48,5	18,5	24,8
22	35,00	42,0	48,5	18,5	24,8
24	38,10	42,0	52,1	21,9	25,8
28	44,45	49,0	58,5	25,7	26,4

DRAWN	B.VESA	DATE 05/10/2015	 3RD ANGLE PROJECTION NOT TO SCALE
CHECKED		05/10/2015	
APPROVED	K.SHEPPARD	05/10/2015	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES <b>GENERAL TOL</b> LINEAR +/-0.25MM ANGULAR +/- 1°
APPROVED	H.SMITH	09/10/2015	
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LTR	DESCRIPTION	DATE	APPROVED
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TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792			

TITLE:		 Polamco 		
BRAID TAIL BACKSHELL				
ASSY USED ON:		MIL-DTL-38999 SERIES III & IV		
TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.		DRAWING NO: 208M8XX	DRAWING REV: L	SHT 2

# Mouser Electronics

Authorized Distributor

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[208M820-19A15](#)