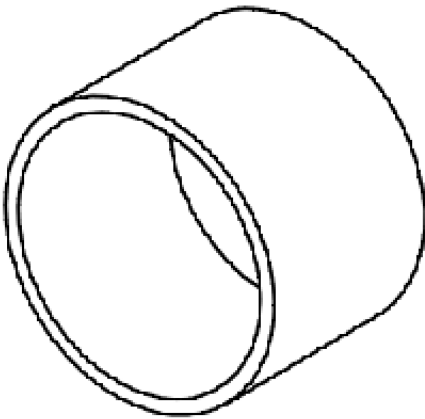
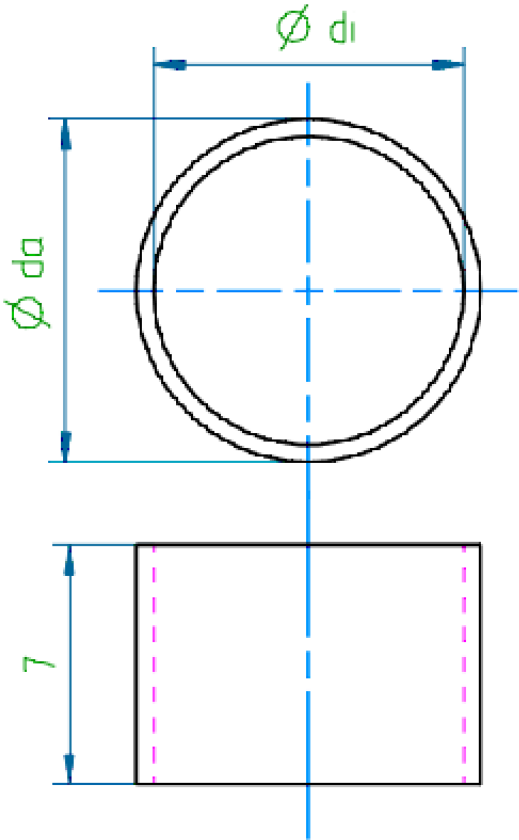


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PROJECT	PRJ-16-000909157
PART NO.	X-2308350-X
DESCRIPTION	CRIMP BARREL
CUSTOMER	GENERAL MARKET

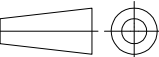
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	REVISED PER ECR-16-014891	22FEB2017	KK	SE



3-2308350-2	CRIMP BARREL22	16.0	17.0	1.54
3-2308350-1	CRIMP BARREL21	14.5	15.5	1.40
3-2308350-0	CRIMP BARREL20	14.0	15.0	1.35
2-2308350-9	CRIMP BARREL19	13.7	15.0	1.74
2-2308350-8	CRIMP BARREL18	13.0	14.0	1.26
2-2308350-7	CRIMP BARREL17	12.5	13.5	1.21
2-2308350-6	CRIMP BARREL16	12.0	13.0	1.16
2-2308350-5	CRIMP BARREL15	11.7	13.0	1.50
2-2308350-4	CRIMP BARREL14	11.5	12.5	1.12
2-2308350-3	CRIMP BARREL13	11.0	12.0	1.07
2-2308350-2	CRIMP BARREL12	10.5	11.5	1.02
2-2308350-1	CRIMP BARREL11	10.0	11.0	0.98
2-2308350-0	CRIMP BARREL10	9.5	10.5	0.93
1-2308350-9	CRIMP BARREL9	9.0	10.0	0.88
1-2308350-8	CRIMP BARREL8	8.5	9.5	0.84
1-2308350-7	CRIMP BARREL7	8.0	9.0	0.79
1-2308350-6	CRIMP BARREL6	7.5	8.5	0.75
1-2308350-5	CRIMP BARREL5	7.0	8.0	0.70
1-2308350-4	CRIMP BARREL4	6.5	7.5	0.65
1-2308350-3	CRIMP BARREL3	6.0	7.0	0.61
1-2308350-2	CRIMP BARREL2	5.5	6.5	0.56
1-2308350-1	CRIMP BARREL1	5.0	6.0	0.51
PART-NAME	DESCRIPTION	di	da	WEIGHT, g

NOTES:

1. FINISHING PROCESS: Cu0.5/Ni1/Sn4.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KIRAN K 29JUL2016	 TE Connectivity		
DIMENSIONS: mm		CHK GUNASEKHAR G 29JUL2016			
		APVD GUNASEKHAR G 29JUL2016			
TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 m.		PRODUCT SPEC			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		APPLICATION SPEC	NAME CRIMP BARREL		
MATERIAL -		FINISH -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2308350
			WEIGHT	RESTRICTED TO -	
CUSTOMER DRAWING			SCALE NTS	SHEET 1 OF 2	REV A2

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

CRIMP BARREL, CRIMP INSERT AND
CRIMP TOOL SELECTION PROCUDURE

SELECTION CHART AND CRIMP TOOLS

Step	Description	Example
1.	Measure the outside cable diameter (3 times on different places at different angles)	OD = 6.5mm
2.	Strip the cable and remove the cable braiding	
3.	Measure the diameter of the inner cable bundle including the foil	ID = 4.4mm
4.	Select the crimp flange with a hole diameter next up to the cable bundle diameter	PN 2-2308349-1, ID=4.5mm, OD=5.5mm
5.	Calculate the recommended barrel inner diameter with the following formula: <i>Recommended Inner crimp barrel diameter = OD of crimp flange + 2x(thickness of the cable jacket) + 0.2mm</i>	Thickness cable jacket = (6.5-4.4)/2=1.05mm Barrel ID= 5.5mm + 2x1.05 + 0.2mm = 7.8mm
6.	Select the crimp barrel with the next size up	PN 1-2308350-7, ID=8.0mm, OD= 9.0mm
7.	Order the correct crimp tool + crimp insert using the crimp barrel selection matrix	PN 1-2823557-1 & 1-2823558-3

Picture	PN Crimp Barrel	Inner diameter	Outer diameter	PN Recommended crimp insert
	1-2308350-1	5.0	6.0	1-2823558-8
	1-2308350-2	5.5	6.5	1-2823558-9
	1-2308350-3	6.0	7.0	2-2823558-0
	1-2308350-4	6.5	7.5	2-2823558-1
	1-2308350-5	7.0	8.0	1-2823558-1
	1-2308350-6	7.5	8.5	1-2823558-2
	1-2308350-7	8.0	9.0	1-2823558-3
	1-2308350-8	8.5	9.5	1-2823558-4
	1-2308350-9	9.0	10.0	1-2823558-5
	2-2308350-0	9.5	10.5	1-2823558-6
	2-2308350-1	10.0	11.0	1-2823558-7
	2-2308350-2	10.5	11.5	2-2823558-9
	2-2308350-3	11.0	12.0	3-2823558-0
	2-2308350-4	11.5	12.5	3-2823558-1
	2-2308350-5	11.7	13.0	3-2823558-2
	2-2308350-6	12.0	13.0	3-2823558-3
	2-2308350-7	12.5	13.5	3-2823558-4
	2-2308350-8	13.0	14.0	3-2823558-5
	2-2308350-9	13.7	15.0	3-2823558-6
	3-2308350-0	14.0	15.0	3-2823558-7
	3-2308350-1	14.5	15.5	3-2823558-8
	3-2308350-2	16.0	17.0	3-2823558-9



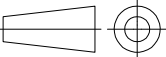
1-2823559-1 stripping tool



1-2314418-1 Crimp flange insertion tool (small)
1-2314418-2 Crimp flange insertion tool (large)



Crimp tool 1-2823557-1
Crimp insert X-2823558-X

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		CHK GUNASEKHAR G 29JUL2016				
DIMENSIONS: mm		APVD GUNASEKHAR G 29JUL2016	NAME CRIMP BARREL			
		PRODUCT SPEC —	SIZE A300779			
		APPLICATION SPEC —				
MATERIAL —		WEIGHT	CAGE CODE C=2308350		RESTRICTED TO —	
CUSTOMER DRAWING			SCALE NTS	SHEET 2 OF 2		REV A2

Mouser Electronics

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