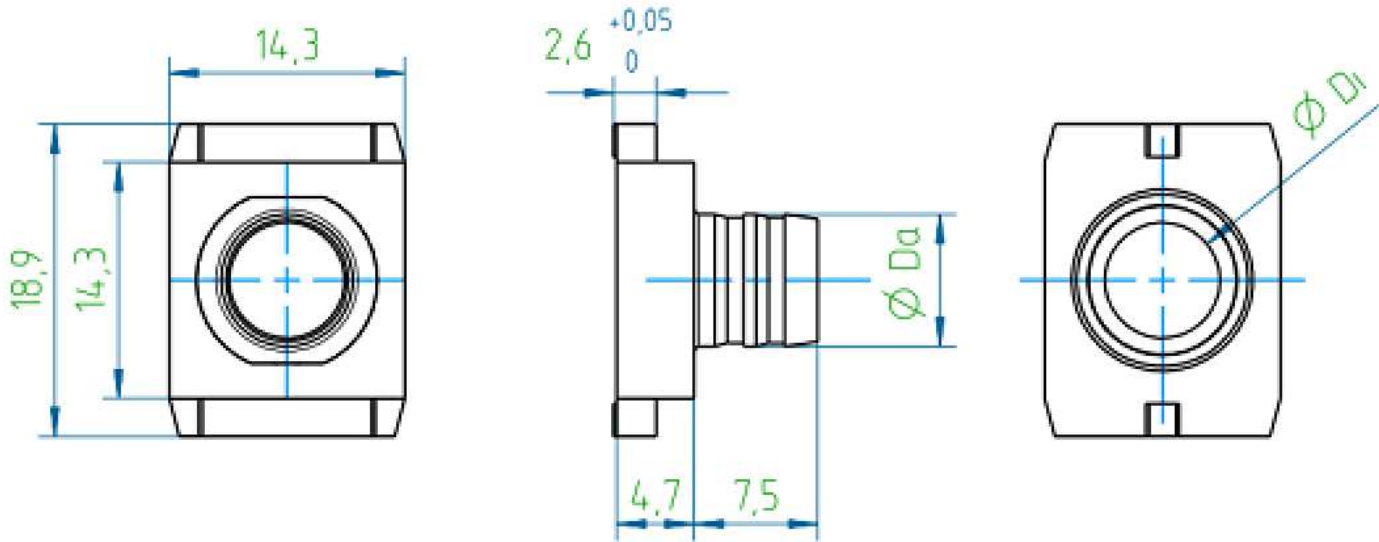


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PROJECT	PRJ-16-000909157		
PART NO.	X-2308348-X		
DESCRIPTION	CRIMP FLANGES LARGE		
CUSTOMER	GENERAL MARKET		

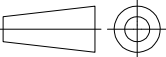
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	REVISED PER ECR-16-014891	22FEB2017	KK	SE



2-2308348-7	CRIMP FLANGE 17 (LARGE)	11.0	12.0
2-2308348-6	CRIMP FLANGE 16 (LARGE)	10.5	11.5
2-2308348-5	CRIMP FLANGE 15 (LARGE)	10.0	11.0
2-2308348-4	CRIMP FLANGE14 (LARGE)	9.5	10.5
2-2308348-3	CRIMP FLANGE 13 (LARGE)	9.0	10.0
2-2308348-2	CRIMP FLANGE 12 (LARGE)	8.5	9.5
2-2308348-1	CRIMP FLANGE 11 (LARGE)	8.0	9.0
2-2308348-0	CRIMP FLANGE 10 (LARGE)	7.6	8.5
1-2308348-9	CRIMP FLANGE 9 (LARGE)	7.0	8.0
1-2308348-8	CRIMP FLANGE 8 (LARGE)	6.5	7.5
1-2308348-7	CRIMP FLANGE 7 (LARGE)	6.0	7.0
1-2308348-6	CRIMP FLANGE 6 (LARGE)	5.5	6.5
1-2308348-5	CRIMP FLANGE 5 (LARGE)	5.0	6.0
1-2308348-4	CRIMP FLANGE 4 (LARGE)	4.5	5.5
1-2308348-3	CRIMP FLANGE 3 (LARGE)	4.0	5.0
1-2308348-2	CRIMP FLANGE 2 (LARGE)	3.5	4.5
1-2308348-1	CRIMP FLANGE 1 (LARGE)	3.0	4.0
PART NO.		DESCRIPTION	Di Da

NOTES:

1. FINISHING PROCESS: Cu2/Sn4 (FLANGE).
2. WEIGHT: 6.6 g.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KIRAN K 29JUL2016	 TE Connectivity			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 m.	CHK GUNASEKHAR G 29JUL2016				
		APVD GUNASEKHAR G 29JUL2016				
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	PRODUCT SPEC	NAME CRIMP FLANGES LARGE			
		APPLICATION SPEC	SIZE A3			
MATERIAL -	FINISH -	WEIGHT	CAGE CODE 00779		DRAWING NO C-2308348	
		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



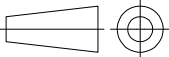
1-2823559-1 stripping tool



1-2314418-2 Crimp flange insertion tool



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			
		PRODUCT SPEC	CRIMP FLANGES LARGE			
		APPLICATION SPEC				
MATERIAL		WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
—		—	A3	00779	C=2308348	—
CUSTOMER DRAWING			SCALE	SHEET	REV	
			NTS	2 OF 2	A2	

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