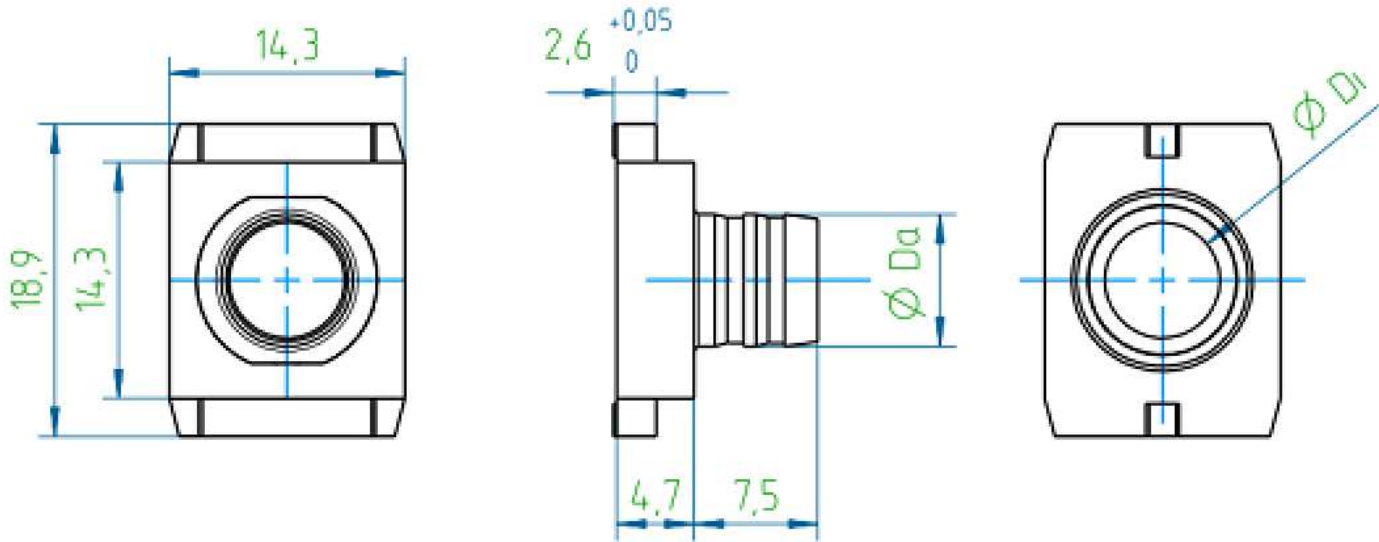


|                              |                     |                          |  |
|------------------------------|---------------------|--------------------------|--|
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| PROJECT                      | PRJ-16-000909157    |                       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

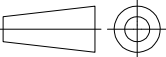
| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | A2  | REVISED PER ECR-16-014891 | 22FEB2017 | KK  | SE   |



|             |                         |             |       |
|-------------|-------------------------|-------------|-------|
| 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<br>KIRAN K<br>29JUL2016       |  TE Connectivity |                    |                         |                    |
| DIMENSIONS:<br>mm                                                                     |  | CHK<br>GUNASEKHAR G<br>29JUL2016  |                                                                                                       |                    |                         |                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>DIN ISO 2768 m.                             |  | APVD<br>GUNASEKHAR G<br>29JUL2016 |                                                                                                       |                    |                         |                    |
|  |  | PRODUCT SPEC                      | NAME<br>CRIMP FLANGES LARGE                                                                           |                    |                         |                    |
|                                                                                       |  | APPLICATION SPEC                  |                                                                                                       |                    |                         |                    |
| MATERIAL<br>-                                                                         |  | WEIGHT                            | SIZE<br>A3                                                                                            | CAGE CODE<br>00779 | DRAWING NO<br>C-2308348 | RESTRICTED TO<br>- |
| FINISH<br>-                                                                           |  | CUSTOMER DRAWING                  |                                                                                                       | SCALE<br>NTS       | SHEET<br>1 OF 2         | REV<br>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:<br><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<br>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                 |



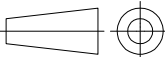
1-2823559-1 stripping tool



1-2314418-2 Crimp flange insertion tool



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

|                                                                                       |                  |                                                                                                                              |  |                                                                                                                  |  |           |      |            |  |               |  |
|---------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|--|-----------|------|------------|--|---------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                  | DWN<br>KIRAN K<br>29JUL2016                                                                                                  |  | <div> TE Connectivity</div> |  |           |      |            |  |               |  |
|                                                                                       |                  | CHK<br>GUNASEKHAR G<br>29JUL2016                                                                                             |  |                                                                                                                  |  |           |      |            |  |               |  |
| DIMENSIONS:<br>mm                                                                     |                  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PLC ± —<br>1 PLC ± —<br>2 PLC ± —<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± — |  | APVD<br>GUNASEKHAR G<br>29JUL2016                                                                                |  |           | NAME |            |  |               |  |
|  | PRODUCT SPEC     |                                                                                                                              |  | CRIMP FLANGES LARGE                                                                                              |  |           |      |            |  |               |  |
|                                                                                       | —                |                                                                                                                              |  |                                                                                                                  |  |           |      |            |  |               |  |
|                                                                                       | APPLICATION SPEC |                                                                                                                              |  |                                                                                                                  |  |           |      |            |  |               |  |
|                                                                                       | —                |                                                                                                                              |  |                                                                                                                  |  |           |      |            |  |               |  |
| MATERIAL                                                                              |                  | FINISH                                                                                                                       |  | SIZE                                                                                                             |  | CAGE CODE |      | DRAWING NO |  | RESTRICTED TO |  |
| —                                                                                     |                  | —                                                                                                                            |  | A3                                                                                                               |  | 00779     |      | C-2308348  |  | —             |  |
| CUSTOMER DRAWING                                                                      |                  |                                                                                                                              |  |                                                                                                                  |  | SCALE     |      | SHEET      |  | REV           |  |
|                                                                                       |                  |                                                                                                                              |  |                                                                                                                  |  | NTS       |      | 2 OF 2     |  | A2            |  |