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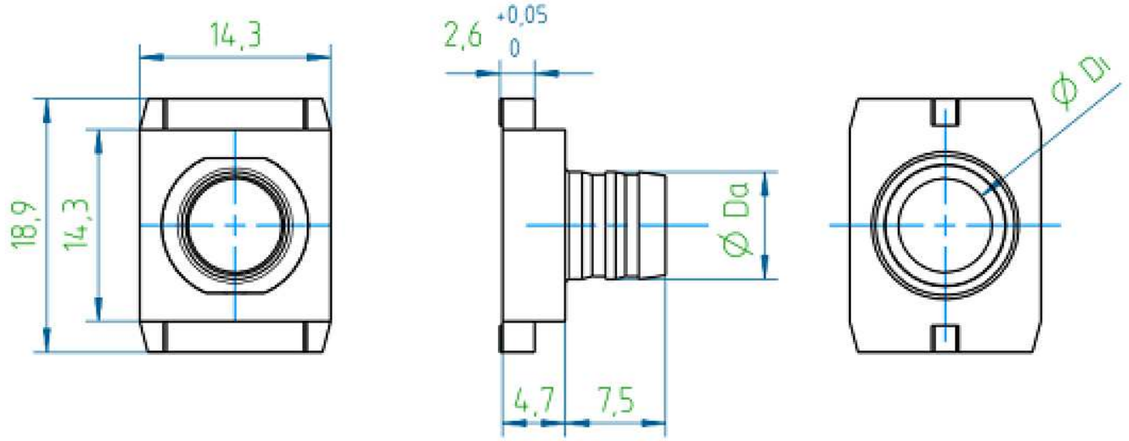
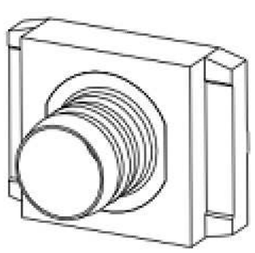
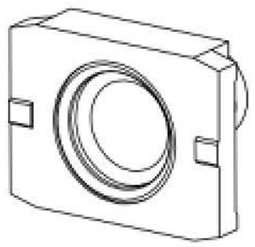
| | |
|---|---|
| PROJECT | PRJ–16–000909157 |
| PART NO. | X–2308348–X |
| DESCRIPTION | CRIMP FLANGES LARGE |
| CUSTOMER | GENERAL MARKET |

REVISIONS

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





| PART NO. | DESCRIPTION | Di | Da |
|---|---|---|---|
| 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 |

NOTES:

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 m.
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –

FINISH –

DWN KIRAN K 29JUL2016
CHK GUNASEKHAR G 29JUL2016
APVD GUNASEKHAR G 29JUL2016
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT

TE Connectivity

NAME CRIMP FLANGES LARGE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A3 | 00779 | C–2308348 | — |

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 2 | REV A2

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REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | – | SEE SHEET 1 | – | — | — |

## CRIMP BARREL, CRIMP INSERT AND CRIMP TOOL SELECTION PROCUDURE

| 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: ***Recommended Inner crimp barrel diameter = OD of crimp flange + 2x(thickness of the cable jacket) + 0.2mm*** | 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 |

## SELECTION CHART AND CRIMP TOOLS

| 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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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –

FINISH –

DWN KIRAN K 29JUL2016
CHK GUNASEKHAR G 29JUL2016
APVD GUNASEKHAR G 29JUL2016
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT

TE Connectivity

NAME CRIMP FLANGES LARGE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A3 | 00779 | C-2308348 | — |

CUSTOMER DRAWING | SCALE NTS | SHEET 2 OF 2 | REV A2

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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http://moschip.ru/get-element

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**Офис по работе с юридическими лицами:**

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9