

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

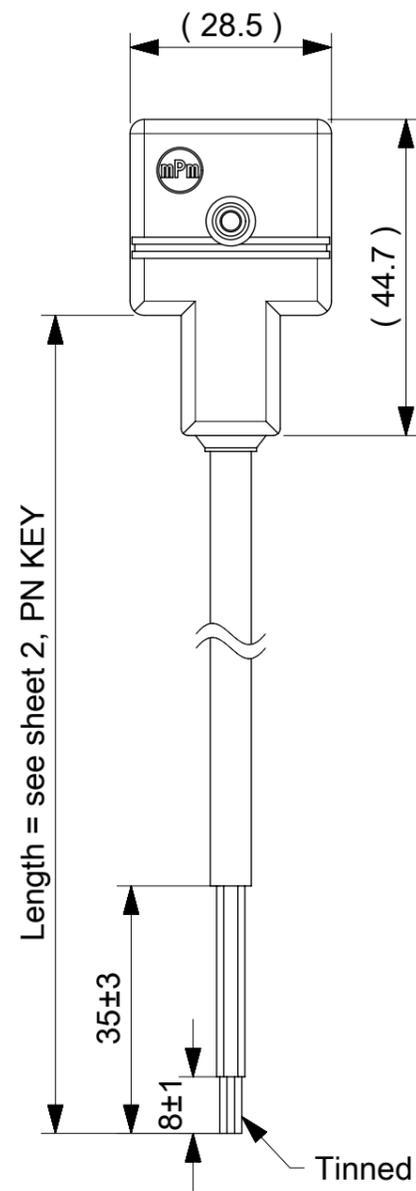


Contact us

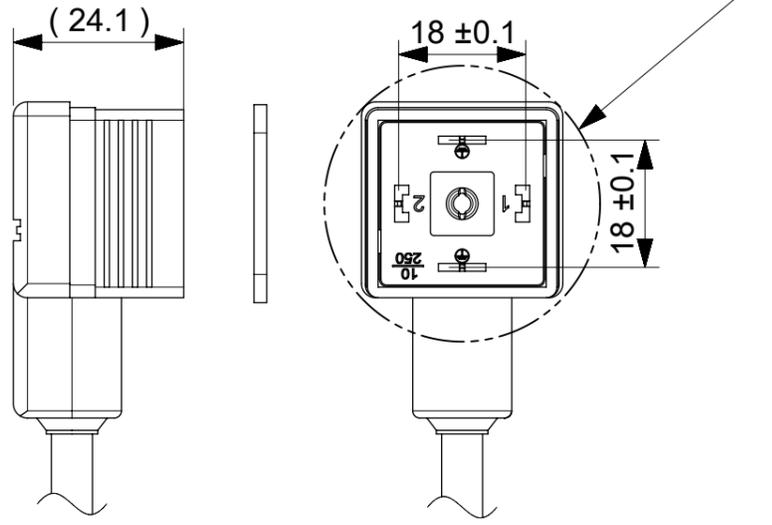
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

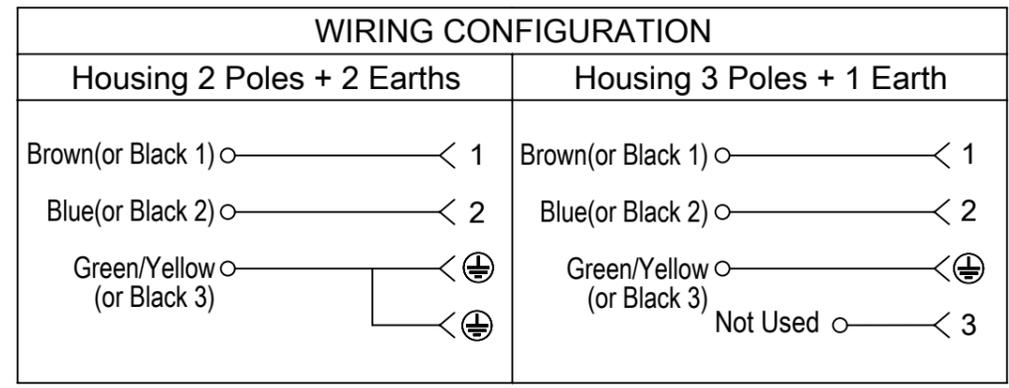
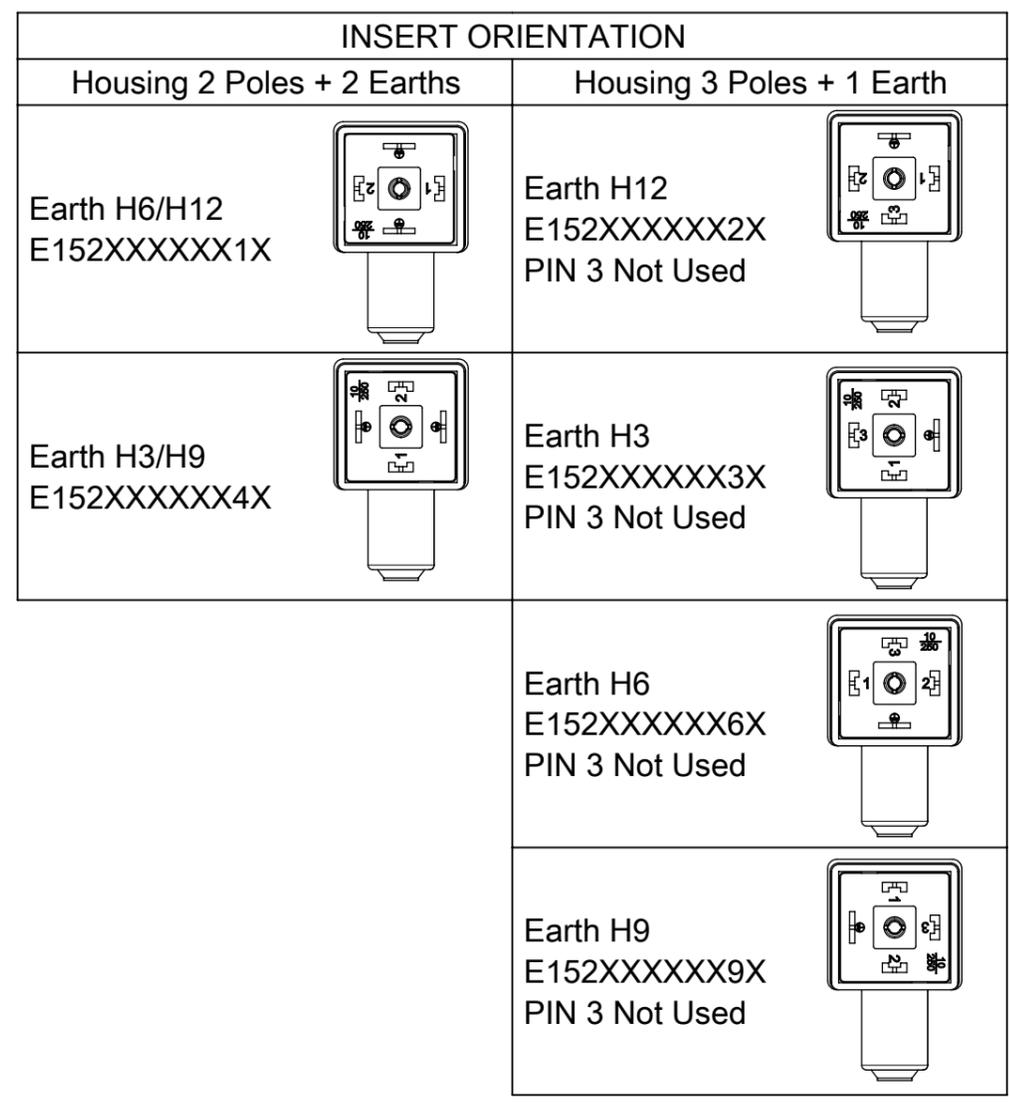
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



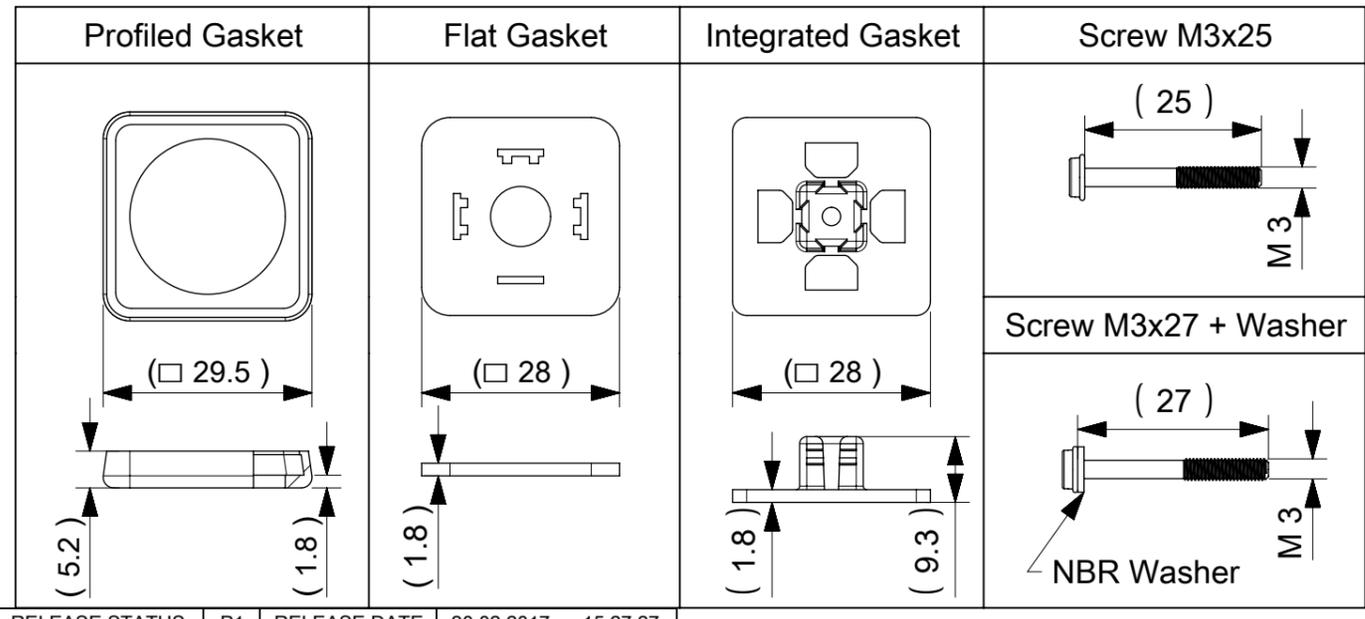
Type of Screw and Gasket see sheet 2, PN KEY



| TABLE OF LENGTH TOLERANCES [mm] | | |
|---------------------------------|---------------------|-----------|
| Over | Up to and Including | TOLERANCE |
| 0 | 1000 | ±20 |
| 1000 | 3000 | ±30 |
| 3000 | 5000 | ±40 |
| 5000 | 10000 | ±50 |
| 10000 | 15000 | ±100 |
| 15000 | 20000 | ±150 |
| 20000 | | ±L/100 |



Type of Screws and Gaskets



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| | | | | | | | | | | | |
|-----------------|---------------|-----------------|--------------------|-------------------|------------------|------------------|---------------------------------------|-----------------|--|---|--|
| QUALITY SYMBOLS | EC NO: 113606 | DRWN: APAWLAK01 | CHK'D: MIWASIECZKO | APPR: MIWASIECZKO | DATE: 2017/02/20 | DATE: 2017/02/20 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION UNITS | SCALE | | |
| ▽ = 0 | | | | | | | MM | 1:1 | STANDARD E152 DIN FORM A EN 175301-803 | | |
| ▽ = 0 | | | | | | ANGULAR TOL ± ° | DRWN BY | DATE | | | PRODUCT CUSTOMER DRAWING |
| ▽ = 0 | | | | | | 4 PLACES ± | APAWLAK01 | 2017/02/07 | | | |
| ▽ = 0 | | | | | | 3 PLACES ± | CHK'D BY | DATE | | DOCUMENT NUMBER: 1210400050 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 2 | |
| ▽ = 0 | | | | | | 2 PLACES ± | APPR BY | DATE | DRAWING SIZE: A3 THIRD ANGLE PROJECTION | | |
| ▽ = 0 | | | | | | 1 PLACE ± | MIWASIECZKO | 2017/02/20 | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |
| ▽ = 0 | | | | | | 0 PLACES ± | | | | | |

PN KEY - NUMERICAL CODE (Available parts see PART LIST table. Others parts available upon request).

E 1 5 2 X X X X X X X X

E - Packing without bags
W - Single Packing

Number of wires:
2 - 2 Wires + Earth

Cable type:
See Table

Head Colour:
G - Grey
N - Black
A - CSA-UL Black
B - CSA-UL Grey

Cable Length in [cm]
Examples:
050 = 50cm
300 = 300cm
10K = 1000cm

Earth PIN location (see insert orientation table):
1 = Double Earth on H6 & H12
2 = Earth on H12
3 = Earth on H3
4 = Double Earth on H3 & H9
6 = Earth on H6
9 = Earth on H9

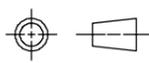
Type of Gasket and Screw (see sheet 1):
1 = NBR Profile Gasket + Fixing Screw M3x25mm
2 = NBR Flat Gasket + Fixing Screw M3x25mm
3 = Silicone Profile Gasket + Fixing Screw M3x25mm
4 = Silicone Flat Gasket + Fixing Screw M3x25mm
P = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm Assembled on Connector
R = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm NOT Assembled on Connector
T = NBR Profile Gasket + Fixing Screw with Washer M3x27mm

| CABLE TYPE | NO. OF WIRES | CROSS SECTION | CABLE O.D. | CABLE JACKET | UL | CSA | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | SHIELD |
|------------|--------------|---------------------|-------------|--------------|----------|-----------|--------------------------------|---------------------------------|--------|
| A2 | 3 | AWG 20 | 5.6mm±0.2 | PVC BLACK | UL 2661 | CSA C22.2 | -30°C to +105°C, 10xO.D. | -5°C to +105°C, 15xO.D. | - |
| A3 | 3 | AWG 18 | 6.5mm±0.25 | PVC BLACK | UL 2661 | CSA C22.2 | -30°C to +105°C, 10xO.D. | -5°C to +105°C, 15xO.D. | - |
| B2 | 3 | AWG 20 | 5.6mm±0.2 | PUR BLACK | UL 20668 | CSA C22.2 | -40°C to +90°C, 5xO.D. | -25°C to +90°C, 10xO.D. | - |
| B3 | 3 | AWG 18 | 6.5mm±0.2 | PUR BLACK | UL 20668 | CSA C22.2 | -40°C to +90°C, 5xO.D. | -25°C to +90°C, 10xO.D. | - |
| I0 | 3 | 1mm ² | 7.6mm±0.2 | PVC GREY | - | - | -25°C to +70°C, 10xO.D. | -5°C to +70°C, 15xO.D. | YES |
| I2 | 3 | 0.5mm ² | 5.5mm+0.3 | PVC GREY | - | - | -25°C to +70°C, 10xO.D. | -5°C to +70°C, 15xO.D. | - |
| I4 | 3 | 1mm ² | 7.1mm+0.2 | PVC GREY | - | - | -25°C to +70°C, 10xO.D. | -5°C to +70°C, 15xO.D. | - |
| N2 | 3 | 0.5mm ² | 5.6mm±0.7 | PVC BLACK | - | - | -20°C to +70°C, 3xO.D. | -15°C to +70°C, 5xO.D. | - |
| N3 | 3 | 0.75mm ² | 6.8mm±0.8 | PVC BLACK | - | - | -20°C to +70°C, 3xO.D. | -15°C to +70°C, 5xO.D. | - |
| N4 | 3 | 1mm ² | 7.15mm±0.85 | PVC BLACK | - | - | -20°C to +70°C, 3xO.D. | -15°C to +70°C, 5xO.D. | - |
| N5 | 3 | 1.5mm ² | 8.4mm±1 | PVC BLACK | - | - | -20°C to +70°C, 3xO.D. | -15°C to +70°C, 5xO.D. | - |
| P2 | 3 | 0.5mm ² | 5.5mm+0.3 | PUR BLACK | - | - | -40°C to +90°C, 7.5xO.D. | -15°C to +90°C, 12.5xO.D. | - |
| P3 | 3 | 0.75mm ² | 6.5mm±0.2 | PUR BLACK | - | - | -40°C to +90°C, 7.5xO.D. | -15°C to +90°C, 12.5xO.D. | - |
| R4 | 3 | 1mm ² | 7.1mm±0.2 | TPR HF BLACK | - | - | - | - | - |
| Y3 | 3 | 0.75mm ² | 6.5mm±0.2 | SILICONE RED | - | - | -60°C to +180°C, 15xO.D. | - | - |

Notes:

1. Please see excel sheet 1210400050_PDP for currently configured part numbers.

RELEASE STATUS P1 RELEASE DATE 20.02.2017 15:27:27

| | | | | | | | | | | | |
|--|---|---------------------------------------|---|-----------------|--------------------------|---|----------|--------------------|----------------|--|--|
| <p>QUALITY SYMBOLS</p> <p>FA = 0</p> <p>FE = 0</p> <p>FB = 0</p> <p>FD = 0</p> <p>FC = 0</p> <p>FX = 0</p> <p>FS = 0</p> <p>FT = 0</p> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | |
| | <p>2017/02/07</p> <p>2017/02/20</p> <p>EC NO: 113606</p> <p>DRWN: APAWLAK01</p> <p>CHK'D: MIWASIECZKO</p> <p>APP'R: MIWASIECZKO</p> | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION UNITS | SCALE |  <p>STANDARD E152 DIN FORM A EN 175301-803</p> | | | | | |
| | | ANGULAR TOL ± ° | | MM | 1:1 | | | | | | |
| | | 4 PLACES ± | APAWLAK01 | | DATE | | | | | | |
| | | 3 PLACES ± | 2017/02/07 | | CHK'D BY | | | | | | |
| | | 2 PLACES ± | DATE | | DATE | | | | | | |
| | 1 PLACE ± | APPR BY | | DATE | PRODUCT CUSTOMER DRAWING | | | | | | |
| | 0 PLACES ± | MIWASIECZKO | | DATE | SERIES | MATERIAL NUMBER | CUSTOMER | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DRAWING SIZE | | THIRD ANGLE PROJECTION | | 121040 | SEE 1210400050 PDP | GENERAL MARKET | | |
| | A3 | |  | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | SHEET NUMBER | | |
| A | | 3 | | 1210400050 | | PSD | 000 | 2 OF 2 | | | |