



| ITEM | DESCRIPTION |
|------|-----------------|
| 1 | SCREW |
| 2 | COVER ASSEMBLY |
| 3 | PCB |
| 4 | INSERT ASSEMBLY |
| 5 | GASKET |

S02209TA111**

SERIES _____
 S02- INTERNAL THREAD FORM B
 POLES _____
 2= 2 POLE
 THREAD _____
 07= PG7, 09= PG9 11= PG11, M2= M12x1.5, M6= M16x1.5,
 M0= M20x1.5, 39= PG9 WITH STRAIN RELIEF
 MATERIAL AND HOUSING COLOUR _____
 G= PA6 GRAY, N= PA6 BLACK, W= PA6 BLACK VO,
 T= PA12 TRANSPARENT, B= PA6 WHITE
 CIRCUIT _____
 SEE DETAILS IN CATALOGUE
 VOLTAGE _____
 SEE DETAILS IN CATALOGUE
 SCREW AND GASKET _____
 1= NBR PROFILE GASKET & SCREW
 2= NBR FLAT GASKET & SCREW
 3= WHITE SILICON PROFILE GASKET & SCREW
 4= WHITE SILICON FLAT GASKET & SCREW
 A= NBR PROFILE GASKET AND SCREW +2mm
 B= NBR FLAT GASKET AND SCREW +2mm

NON STANDARD COMPONENTS _____
 04= EARTH POSITION AT H6
 14= PACKED IN NEUTRAL BAG
 A= SCREW 2mm LONGER THAN STANDARD
 5A= SINGLE BAGGED WITH 500 IN A BOX
 5J= 100 IN A BOX
 5N= PACKED IN BOXES OF 200
 SA= UL LISTED

NOTES

- PLEASE SEE SHEET 2 FOR CURRENTLY CONFIGURED PART NUMBERS. FOR SPECIFIC PART NUMBERS PLEASE CONTACT SALES OR CONSULT THE INTELLIGENT PART NUMBERS IN THE TABLE ATTACHED.
- EARTH POSITION SHOWN, H6.
- PRODUCT SPEC: SEE PS-121201-001, WITH EXCEPTION.
- FOR PACKAGING SEE PACKAGING SPEC PK-121065-S02.

LAST INSPECTION NUMBER 2

| | | | | | | | | | |
|---|--|---|-----------------------------|---|--|--|---|--|---|
| <p>UPDATED NOTE 3 EC NO: IFC2015-1871 DRWN:BCAFFREY 2015/04/28 CHKD: _____ APPR:STGRUFFIN 2015/05/13</p> | <p>QUALITY SYMBOLS ▽=0 ▽=0</p> | <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> | | <p>DIMENSION STYLE MM ONLY</p> | | <p>SCALE 1.5:1</p> | <p>DESIGN UNITS METRIC</p> | <p>THIRD ANGLE PROJECTION</p> | |
| | | <p>4 PLACES ± --- ± ---</p> | <p>3 PLACES ± --- ± ---</p> | <p>2 PLACES ± 0.1 ± ---</p> | <p>1 PLACE ± 0.2 ± ---</p> | <p>ANGULAR ± ---°</p> | <p>DRAWN BY JOCONNOR</p> | <p>DATE 2011/05/18</p> | <p>TITLE S02 SERIES INTERNAL THREAD</p> |
| | | <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> | <p>SEE SHEET 2 & 3</p> | <p>SIZE A2</p> | <p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p> | <p>APPROVED BY EFOLAN</p> | <p>DATE 2011/06/07</p> | <p>MATERIAL NO. SD-121064-005</p> | <p>DOCUMENT NO. 1 OF 3</p> |
| | | <p>MOLEX INCORPORATED</p> | | | | | | | |

| PART No. | mPm PART No. | DESCRIPTION | CIRCUIT | VOLTAGE | INDICATOR |
|------------|---------------|---|---------|---------|--------------|
| 1210641752 | S02209TA111 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 12V | RED LED/LAMP |
| 1210641404 | S02209TA11B | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET, & SCREW +2mm | A1 | 12V | RED LED/LAMP |
| 1210640058 | S02209TA121 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 24V | RED LED/LAMP |
| 1210641584 | S022M2TA121 | TYPE B 2P M12x1.5 TRANSPARENT NBR PROFILE GASKET | A1 | 24V | RED LED/LAMP |
| 1210640004 | S02207TA121 | TYPE B 2P PG7 TRANSPARENT NBR PROFILE GASKET | A1 | 24V | RED LED/LAMP |
| 1210640087 | S02209TC321 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C3 | 24V | RED LED/LAMP |
| 1210640135 | S02239TC321 | TYPE B 2P PG9 W/STRAIN RELIEF TRANSPARENT NBR PROFILE GASKET | C3 | 24V | RED LED/LAMP |
| 1210641593 | S02207TC321 | TYPE B 2P PG7 TRANSPARENT NBR PROFILE GASKET | C3 | 24V | RED LED/LAMP |
| 1210640095 | S02209TC411 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 12V | RED LED/LAMP |
| 1210640007 | S02207TC421 | TYPE B 2P PG7 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | RED LED/LAMP |
| 1210640097 | S02209TC421 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | RED LED/LAMP |
| 1210650081 | S02209TC4215J | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET IN BOXES OF 100 | C4 | 24V | RED LED/LAMP |
| 1210641406 | S022M6TC421 | TYPE B 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | RED LED/LAMP |
| 1210641742 | S02209TC322 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | C3 | 24V | RED LED/LAMP |
| 1210640060 | S02209TA122 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | A1 | 24V | RED LED/LAMP |
| 1210650061 | S02209TA12204 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET, EARTH AT H6 POSITION | A1 | 24V | RED LED/LAMP |
| 1210640061 | S02209TA12B | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET, & SCREW +2mm | A1 | 24V | RED LED/LAMP |
| 1210640062 | S02209TA131 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 48V | RED LED/LAMP |
| 1210641580 | S022M0TC421 | TYPE B 2P M20x1.5 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | RED LED/LAMP |
| 1210640101 | S02209TC42B | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET, & SCREW +2mm | C4 | 24V | RED LED/LAMP |
| 1210650080 | S02209TC4215A | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET SINGLE BAGGED 500 IN A BOX | C4 | 24V | RED LED/LAMP |
| 1210641668 | S02209TC42114 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET IN NEUTRAL BAG | C4 | 24V | RED LED/LAMP |
| 1210640064 | S02209TA141 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 115V | RED LED/LAMP |
| 1210640005 | S02207TA141 | TYPE B 2P PG7 TRANSPARENT NBR PROFILE GASKET | A1 | 115V | RED LED/LAMP |
| 1210640066 | S02209TA142 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | A1 | 115V | RED LED/LAMP |
| 1210640067 | S02209TA14B | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET, & SCREW +2mm | A1 | 115V | RED LED/LAMP |
| 1210640068 | S02209TA151 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 230V | RED LED/LAMP |
| 1210641409 | S02209TC332 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | C3 | 48V | RED LED/LAMP |
| 1210640035 | S02209ND021 | TYPE B 2P PG9 BLACK NBR PROFILE GASKET | D0 | 24V | DIODE |
| 1210640069 | S02209TA152 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | A1 | 230V | RED LED/LAMP |
| 1210640070 | S02209TA15B | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET, & SCREW +2mm | A1 | 230V | RED LED/LAMP |
| 1210640102 | S02209TC431 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 48V | RED LED/LAMP |
| 1210641675 | S02209TC4315A | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET SINGLE BAGGED 500 IN A BOX | C4 | 48V | RED LED/LAMP |
| 1210640028 | S02209BC432 | TYPE B 2P PG9 WHITE NBR FLAT GASKET | C4 | 48V | RED LED/LAMP |
| 1210640037 | S02209ND041 | TYPE B 2P PG9 BLACK NBR PROFILE GASKET | D0 | 115V | DIODE |
| 1210640071 | S02209TA1B1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 24V | GREEN LED |
| 1210640038 | S02209ND051 | TYPE B 2P PG9 BLACK NBR PROFILE GASKET | D0 | 230V | DIODE |
| 1210640104 | S02209TC441 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 115V | RED LED/LAMP |
| 1210640072 | S02209TA1B2 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | A1 | 24V | GREEN LED |
| 1210640106 | S02209TC442 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 115V | RED LED/LAMP |
| 1210641674 | S02209TC4415A | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET SINGLE BAGGED 500 IN A BOX | C4 | 115V | RED LED/LAMP |
| 1210641613 | S022M2TS021 | TYPE B 2P M12x1.5 TRANSPARENT NBR PROFILE GASKET | S0 | 24V | RED LED/LAMP |
| 1210640009 | S02207TC441 | TYPE B 2P PG7 TRANSPARENT NBR PROFILE GASKET | C4 | 115V | RED LED/LAMP |
| 1210640108 | S02209TC451 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 230V | RED LED/LAMP |
| 1210640076 | S02209TA1E2 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | A1 | 230V | GREEN LED |
| 1210640049 | S02209TA041 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A0 | 115V | RED LED/LAMP |
| 1210640044 | S02209TA011 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A0 | 12V | RED LED/LAMP |
| 1210640052 | S02209TA051 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A0 | 230V | RED LED/LAMP |
| 1210641376 | S022M6TC022 | TYPE B 2P M16x1.5 TRANSPARENT NBR FLAT GASKET | C0 | 24V | RED LED/LAMP |
| 1210640080 | S02209TC021 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C0 | 24V | RED LED/LAMP |
| 1210640045 | S02209TA021 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A0 | 24V | RED LED/LAMP |
| 1210640092 | S02209TC351 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C3 | 230V | RED LED/LAMP |

| SEE SHEET ONE EC NO: IFC2015-1871 DRW: BCAFREY 2015/04/28 CHK: SGR/FFIN 2015/05/13 APPR: SGR/FFIN 2015/05/13 REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th colspan="2">mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± .005</td><td>± .0004</td></tr> <tr><td>3 PLACES</td><td>± .005</td><td>± .0004</td></tr> <tr><td>2 PLACES</td><td>± 0.1</td><td>± .004</td></tr> <tr><td>1 PLACE</td><td>± 0.2</td><td>± .008</td></tr> </table> | mm | | INCH | 4 PLACES | ± .005 | ± .0004 | 3 PLACES | ± .005 | ± .0004 | 2 PLACES | ± 0.1 | ± .004 | 1 PLACE | ± 0.2 | ± .008 | DIMENSION STYLE MM ONLY | SCALE 1.5:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|--|---------------------|---|---|--------------------|---------------------------|--------------------------------------|--------|---------|----------|--------|---------|----------|-------|--------|---------|-------|--------|-----------------------------------|-----------------------|-------------------------------|------------------------|
| | | | mm | | INCH | | | | | | | | | | | | | | | | |
| 4 PLACES | ± .005 | ± .0004 | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± .005 | ± .0004 | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.1 | ± .004 | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.2 | ± .008 | | | | | | | | | | | | | | | | | | | |
| DRAWN BY JOCONNOR | DATE 2011/05/18 | TITLE S02 SERIES INTERNAL THREAD | APPROVED BY EFO LAN | DATE 2011/06/07 | MOLEX INCORPORATED | MATERIAL NO. SD-121064-005 | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE CHART | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | |

| PART No. | mPm PART No. | DESCRIPTION | CIRCUIT | VOLTAGE | INDICATOR |
|------------|---------------|---|---------|---------|--------------|
| 1210640093 | S02209TC3B1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C3 | 24V | GREEN LED |
| 1210640039 | S02209NE051 | TYPE B 2P PG9 BLACK NBR PROFILE GASKET | E0 | 230V | DIODE |
| 1210641555 | S02209WE051A | TYPE B 2P PG9 BLACK V0 NBR PROFILE GASKET & SCREW +2mm | E0 | 230V | DIODE |
| 1210641364 | S022M6NE052 | TYPE B 2P M16x1.5 BLACK NBR FLAT GASKET | E0 | 230V | DIODE |
| 1210640129 | S02209WE051 | TYPE B 2P PG9 BLACK V0 NBR PROFILE GASKET | E0 | 230V | DIODE |
| 1210640040 | S02209NE052 | TYPE B 2P PG9 BLACK NBR FLAT GASKET | E0 | 230V | DIODE |
| 1210641679 | S02209NE05114 | TYPE B 2P PG9 BLACK NBR PROFILE GASKET IN NEUTRAL BAG | E0 | 230V | DIODE |
| 1210640110 | S02209TC452 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 230V | RED LED/LAMP |
| 1210650089 | S02209TC4515A | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET SINGLE BAGGED 500 IN A BOX | C4 | 230V | RED LED/LAMP |
| 1210641666 | S02209TC45114 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET IN NEUTRAL BAG | C4 | 230V | RED LED/LAMP |
| 1210641649 | S022M0TC4B1 | TYPE B 2P M20x1.5 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | GREEN LED |
| 1210640114 | S02209TC4B2 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 24V | GREEN LED |
| 1210640113 | S02209TC4B1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | GREEN LED |
| 1210640117 | S02209TC4D2 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 115V | GREEN LED |
| 1210641750 | S02209TC4D1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 115V | GREEN LED |
| 1210640119 | S02209TC4E2 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 230V | GREEN LED |
| 1210641343 | S02209TC4G1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 12V | AMBER LED |
| 1210640120 | S02209TC4H1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | AMBER LED |
| 1210641375 | S022M6TC4H1 | TYPE B 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | AMBER LED |
| 1210641601 | S02209TC4K2 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 48V | AMBER LED |
| 1210641344 | S02209TC4K1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 48V | AMBER LED |
| 1210640123 | S02209TC4L2 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 115V | AMBER LED |
| 1210640122 | S02209TC4L1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 115V | AMBER LED |
| 1210640094 | S02209TC3H1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C3 | 24V | AMBER LED |
| 1210641686 | S02209TC3L1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C3 | 115V | AMBER LED |
| 1210640077 | S02209TA1H1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 24V | AMBER LED |
| 1210640124 | S02209TC4M1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 230V | AMBER LED |
| 1210640078 | S02209TA1L1 | TYPE B 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 115V | AMBER LED |
| 1210641764 | S022M6TC321 | TYPE B 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET | C3 | 24V | RED LED/LAMP |
| 1210640099 | S02209TC422 | TYPE B 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 24V | RED LED/LAMP |
| 1210641794 | S022M6TC421SA | TYPE B 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET, UL LISTED | C4 | 24V | RED LED |

| | | | | | | | |
|---|--|---|-----------------|---|--------------|---|---|
| SEE SHEET ONE EC NO: IFC2015-1871 DRWN:BCAFFREY 2015/04/28 CHKD: APPR:STGRUFFIN 2015/05/13 REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | $\nabla=0$ $\nabla=0$ | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± ---° | MM ONLY | 1.5:1 | METRIC | DRAWN BY: JOCONNOR DATE: 2011/05/18 CHECKED BY: DMAHER DATE: 2011/05/19 APPROVED BY: EFOLAN DATE: 2011/06/07 | TITLE: S02 SERIES INTERNAL THREAD MOLEX INCORPORATED DOCUMENT NO. SD-121064-005 |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE CHART | SIZE A 2 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | SHEET NO. 3 OF 3 | |

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Circular DIN Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[CTV06RQF-25-8SA-LC](#) [CTV06RQF-25-8S-LC](#) [CTV06RQW-25-8SB-LC](#) [CTV06RW-25-20P](#) [CTV06RW-25-20PA](#) [CTV06RW-25-20PB](#)
[CTV06RW-25-20PE-LC](#) [CTV06RW-25-20SB](#) [CTV06RW-25-20SE](#) [CTV07RW-17-8S\(506\)](#) [CTVP00RW-19-32S\(506\)](#) [CTVP00RW-9-35S\(506\)](#) [M83723/71R20416](#) [M83723/71R22196](#) [M83723/71W2039N](#) [M83723/71W24196](#) [M83723/71W2419N](#) [M83723/72A1404N-LC](#)
[M83723/72R1203N](#) [M83723/72W20418](#) [M83723/72W22126](#) [M83723/72W22556](#) [M83723/72W2419N](#) [M83723/72W2461N](#)
[M83723/73R2028N](#) [M83723/73R2039N](#) [M83723/73W1412N](#) [M83723/73W2039N](#) [M83723/74R1624N](#) [M83723/74R1808N](#)
[M83723/74R2212N](#) [M83723/74W1203N](#) [M83723/74W1412N](#) [M83723/74W20416](#) [M83723/74W2041N](#) [M83723/75R10058](#)
[M83723/75W2232N](#) [M83723/76R14157](#) [M83723/76R20256](#) [M83723/76W1808N](#) [M83723/76W2016N](#) [M83723/76W2461N](#)
[M83723/77W2016N](#) [M83723/78R22327](#) [M83723/78W2212N](#) [M83723/78W22556](#) [M85049/50-5F](#) [D38999/20FF11AC](#) [D38999/20FJ20BB](#)
[D38999/20FJ20SC](#)