



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

S54209NR041**

SERIES _____
 S54= INTERNAL THREAD FORM B INDUSTRIAL
 POLES _____
 2= 2 POLE
 THREAD _____
 09= PG9, M2= M12x1.5, M6= M19x1.5
 MATERIAL AND HOUSING COLOUR _____
 G= PA6 GRAY, N= PA6 BLACK, T= TRANSPARENT
 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 & SCREW+2mm
 NON STANDARD COMPONENTS _____
 14= PACKED IN NEUTRAL BAG
 P7= IP67 COMPLIANT
 89= DIODE IN SERIES WITH PIN 1
 20= SPRING CLAMP TERMINALS
 AF= MOUNTED FIXING SCREW

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, H12
- FOR PACKAGING SEE PACKAGING SPEC PK-121064-S54
- PRODUCT SPEC: SEE PS-121201-001

LAST INSPECTION NUMBER 3

| ADDED P/N EC NO: IPG2014-1435 DRW: NSHEA 2014/02/11 CHKD: SMCGREVV 2014/02/14 APPR: STGRIFLIN 2014/02/26 | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ▽=0 | | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.1</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.2</td> <td>±---</td> </tr> <tr> <td colspan="2">ANGULAR</td> <td>±---°</td> </tr> </tbody> </table> | | | mm | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±0.1 | ±--- | 1 PLACE | ±0.2 | ±--- | ANGULAR | | ±---° | DIMENSION STYLE MM ONLY | | SCALE 1.5:1 | | DESIGN UNITS METRIC | | THIRD ANGLE PROJECTION | |
|---|--------------------|-------------------------------|----|---|--|--------------------|----|--|----------|----------------------------|------|----------|------|------|----------|------|------|---------|------|------|---------|--|-------|-----------------------------------|--|-----------------------|--|-------------------------------|--|------------------------|--|
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ±0.1 | ±--- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ±0.2 | ±--- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR | | ±---° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | DRAWN BY DSHEA 2011/06/03 | | DATE 2011/06/03 | | TITLE S54 SERIES INTERNAL THREAD TYPE B INDUSTRIAL | | SHEET NO. 1 OF 2 | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY EFOLAN 2011/06/22 | | | | MATERIAL NO. SEE SHEET 2 | | DATE 2011/06/22 | | DOCUMENT NO. SD-121064-008 | | MOLEX INCORPORATED | | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| PART NO | MPM NO | DESCRIPTION | CIRCUIT | VOLTAGE | INDICATOR |
|------------|---------------|--|---------|---------|------------|
| 1210641033 | S54209GR051 | TYPE B INDUSTRIAL 2P PG9 GRAY NBR PROFILE GASKET | R0 | 230V | VDR |
| 1210641036 | S54209NR021 | TYPE B INDUSTRIAL 2P PG9 BLACK NBR PROFILE GASKET | R0 | 24V | VDR |
| 1210641037 | S54209NR041 | TYPE B INDUSTRIAL 2P PG9 BLACK NBR PROFILE GASKET | R0 | 115V | VDR |
| 1210641038 | S54209NR051 | TYPE B INDUSTRIAL 2P PG9 BLACK NBR PROFILE GASKET | R0 | 230V | VDR |
| 1210641045 | S54209TA051 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | A0 | 230V | LAMP |
| 1210641047 | S54209TA121 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 24V | RED LED |
| 1210641049 | S54209TA141 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 115V | RED LED |
| 1210641051 | S54209TA151 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | A1 | 230V | RED LED |
| 1210641057 | S54209TC321 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | C3 | 24V | RED LED |
| 1210641058 | S54209TC322 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR FLAT GASKET | C3 | 24V | RED LED |
| 1210641064 | S54209TC421 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | RED LED |
| 1210641065 | S54209TC422 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 24V | RED LED |
| 1210641067 | S54209TC441 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 115V | RED LED |
| 1210641069 | S54209TC451 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 230V | RED LED |
| 1210641070 | S54209TC452 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 230V | RED LED |
| 1210641071 | S54209TC4B1 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | GREEN LED |
| 1210641072 | S54209TC4C1 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 48V | GREEN LED |
| 1210641073 | S54209TC4D1 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 115V | GREEN LED |
| 1210641074 | S54209TC4E1 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 230V | GREEN LED |
| 1210641075 | S54209TC4H1 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | YELLOW LED |
| 1210641076 | S54209TC4H2 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 24V | YELLOW LED |
| 1210641079 | S54209TC4M2 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 230V | YELLOW LED |
| 1210641084 | S54209TS021 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | S0 | 24V | RED LED |
| 1210641085 | S54209TS0B1 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | S0 | 24V | GREEN LED |
| 1210641272 | S54209TC4L2 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR FLAT GASKET | C4 | 115V | YELLOW LED |
| 1210641307 | S54209TC42A | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET & SCREW +2mm | C4 | 24V | RED LED |
| 1210641357 | S54209TC45A | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET & SCREW +2mm | C4 | 230V | RED LED |
| 1210641362 | S54209TC44A | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET & SCREW +2mm | C4 | 115V | RED LED |
| 1210641384 | S54209TS0H1 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | S0 | 24V | YELLOW LED |
| 1210641399 | S54209TC3B1 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | C3 | 24V | GREEN LED |
| 1210641417 | S54209TC4B1P7 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET IP67 COMPLIANT | C4 | 24V | GREEN LED |
| 1210641430 | S54209TR051 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | R0 | 230V | VDR |
| 1210641456 | S542M6TC321 | TYPE B INDUSTRIAL 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET | C3 | 24V | RED LED |
| 1210641512 | S54209TR2B2 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR FLAT GASKET | R2 | 24V | GREEN LED |
| 1210641592 | S542M2TA1D1 | TYPE B INDUSTRIAL 2P M12x1.5 TRANSPARENT NBR PROFILE GASKET | A1 | 115V | GREEN LED |
| 1210641614 | S542M2TS021 | TYPE B INDUSTRIAL 2P M12x1.5 TRANSPARENT NBR PROFILE GASKET | S0 | 24V | RED LED |
| 1210641700 | S54209TC424 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT SILICON FLAT GASKET | C4 | 24V | RED LED |
| 1210650385 | S54209NE05189 | TYPE B INDUSTRIAL 2P PG9 BLACK NBR PROFILE GASKET DIODE IN SERIES WITH PIN 1 | E0 | 230V | DIODE |
| 1210650413 | S54209TC4B12Q | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET WITH SPRING CLIP TERMINALS | C4 | 24V | GREEN LED |
| 1210650485 | S54209TC42114 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET IN NEUTRAL BAG | C4 | 24V | RED LED |
| 1210650492 | S54209TC45114 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET IN NEUTRAL BAG | C4 | 230V | RED LED |
| 1210650596 | S542M6TC421 | TYPE B INDUSTRIAL 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET | C4 | 24V | RED LED |
| 1210641792 | S542M6TC321AF | TYPE B INDUSTRIAL 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET, MOUNTED FIXING SCREW | C3 | 24V | RED LED |
| 1210641080 | S54209TR221 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | R2 | 24V | RED LED |
| 1210641082 | S54209TR251 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | R2 | 230V | RED LED |
| 1210641803 | S54209TR2M2 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR FLAT GASKET | R2 | 230V | YELLOW LED |
| 1210641083 | S54209TR2H1 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | R2 | 24V | YELLOW LED |
| 1210641810 | S54209TR2M1 | TYPE B INDUSTRIAL 2P PG9 TRANSPARENT NBR PROFILE GASKET | R2 | 230V | YELLOW LED |

| SEE SHEET 1 EC NO: PGZ014-1435 DRWN: DSHEA 2014/02/11 CHKD: SMCREEVY 2014/02/14 APPR: SUGRIFIN 2014/02/26 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.1</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± 0.2</td><td>± ---</td></tr> <tr><td colspan="3">ANGULAR ± ---°</td></tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.1 | ± --- | 1 PLACE | ± 0.2 | ± --- | ANGULAR ± ---° | | | DIMENSION STYLE MM ONLY DRAWN BY: DSHEA DATE: 2011/06/03 CHECKED BY: DMAHER DATE: 2011/06/08 APPROVED BY: EFOLAN DATE: 2011/06/22 | SCALE 1.5:1 DESIGN UNITS METRIC | TITLE S54 SERIES INTERNAL THREAD TYPE B INDUSTRIAL MOLEX INCORPORATED MATERIAL NO. SD-121064-008 DOCUMENT NO. | SHEET NO. 2 OF 2 |
|--|---------------------|---|-------|----|------|----------|-------|-------|----------|-------|-------|----------|-------|-------|---------|-------|-------|----------------|--|--|---|--|---|----------------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | |
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| ANGULAR ± ---° | | | | | | | | | | | | | | | | | | | | | | | | |
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