



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

S53209NE051\*\*

SERIES \_\_\_\_\_  
 S53= INTERNAL THREAD FORM A  
 POLES \_\_\_\_\_  
 2= 2 POLE  
 THREAD \_\_\_\_\_  
 09= PG9, 11= PG11, M6= M16x1.5  
 MATERIAL AND HOUSING COLOUR \_\_\_\_\_  
 G= PA6 GRAY, N= PA6 BLACK, T= TRANSPARENT W= BLACK UL94-V0  
 CIRCUIT \_\_\_\_\_  
 SEE DETAILS IN CATALOGUE  
 VOLTAGE \_\_\_\_\_  
 SEE DETAILS IN CATALOGUE  
 SCREW AND GASKET \_\_\_\_\_  
 1= NBR PROFILE GASKET & SCREW  
 2= NBR FLAT GASKET & SCREW  
 T= NBR PROFILE GASKET & IP67 SCREW  
 NON STANDARD COMPONENTS \_\_\_\_\_  
 AF= WITH CENTRE SCREW MOUNTED  
 14= SINGLE BAGGED  
 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, H12
- FOR PACKAGING SEE PACKAGING SPEC PK-121065-S53
- PRODUCT SPEC: SEE PS-121201-001
- PART SHOWN FOR ILLUSTRATION PURPOSES ONLY

LAST INSPECTION NUMBER 2

ADDED P/N EC NO: IPG2013-1025 DRW:DSHEA 2013/01/14 CHKD:SMGREVY 2013/01/18 APPR:STIGLFFIN 2013/02/04	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>1.5:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- ANGULAR ± 2 °	mm INCH ± --- ± --- ± --- ± --- ± --- ± --- ± --- ± ---	DRAWN BY DSHEA	DATE 2011/06/02	TITLE <b>S53 SERIES INTERNAL THREAD</b>	
DESCRIPTION DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	REV	MATERIAL NO. <b>SEE SHEET 2</b>		APPROVED BY EFOLAN	DATE 2011/06/22	MOLEX INCORPORATED	
		DOCUMENT NO. <b>SD-121064-007</b>		SHEET NO. 1 OF 3			

PART NO	MPM NO	DESCRIPTION	CIRCUIT	VOLTAGE	INDICATOR
1210640889	S53209GR021	TYPE A 2P PG9 GRAY NBR PROFILE GASKET	R0	24V	VDR
1210640890	S53209GR041	TYPE A 2P PG9 GRAY NBR PROFILE GASKET	R0	115V	VDR
1210640891	S53209GR051	TYPE A 2P PG9 GRAY NBR PROFILE GASKET	R0	230V	VDR
1210640893	S53209NE051	TYPE A 2P PG9 BLACK NBR PROFILE GASKET	E0	230V	DIODE
1210640894	S53209NE151	TYPE A 2P PG9 BLACK NBR PROFILE GASKET	E1	230V	DIODE
1210640896	S53209NR021	TYPE A 2P PG9 BLACK NBR PROFILE GASKET	R0	24V	VDR
1210640898	S53209NR031	TYPE A 2P PG9 BLACK NBR PROFILE GASKET	R0	48V	VDR
1210640899	S53209NR041	TYPE A 2P PG9 BLACK NBR PROFILE GASKET	R0	115V	VDR
1210640900	S53209NR051	TYPE A 2P PG9 BLACK NBR PROFILE GASKET	R0	230V	VDR
1210640901	S53209NR052	TYPE A 2P PG9 BLACK NBR FLAT GASKET	R0	230V	VDR
1210640904	S53209TA021	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	A0	24V	LAMP
1210640907	S53209TA121	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	A1	24V	RED LED
1210640908	S53209TA131	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	A1	48V	RED LED
1210640909	S53209TA141	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	A1	115V	RED LED
1210640910	S53209TA151	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	A1	230V	RED LED
1210640917	S53209TC311	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C3	12V	RED LED
1210640918	S53209TC321	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C3	24V	RED LED
1210640920	S53209TC351	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C3	230V	RED LED
1210640921	S53209TC3B1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C3	24V	GREEN LED
1210640922	S53209TC3H1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C3	24V	AMBER LED
1210640923	S53209TC411	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C4	12V	RED LED
1210640924	S53209TC421	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C4	24V	RED LED
1210640926	S53209TC441	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C4	115V	RED LED
1210640927	S53209TC451	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C4	230V	RED LED
1210640928	S53209TC4B1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C4	24V	GREEN LED
1210640930	S53209TC4D1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C4	115V	GREEN LED
1210640932	S53209TC4E1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C4	230V	GREEN LED
1210640934	S53209TC4H1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C4	24V	AMBER LED
1210640936	S53209TC4L1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C4	115V	AMBER LED
1210640937	S53209TC4M1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	C4	230V	AMBER LED
1210640939	S53209TG221	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	G2	24V	RED LED
1210640941	S53209TG251	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	G2	230V	RED LED
1210640944	S53209TR211	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	R2	12V	RED LED
1210640945	S53209TR221	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	R2	24V	RED LED
1210640946	S53209TR222	TYPE A 2P PG9 TRANSPARENT NBR FLAT GASKET	R2	24V	RED LED
1210640948	S53209TR241	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	R2	115V	RED LED
1210640949	S53209TR251	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	R2	230V	RED LED
1210640950	S53209TR252	TYPE A 2P PG9 TRANSPARENT NBR FLAT GASKET	R2	230V	RED LED
1210640953	S53209TR2H1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	R2	24V	AMBER LED
1210640954	S53209TR2L1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	R2	115V	AMBER LED
1210640955	S53209TR2M1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	R2	230V	AMBER LED
1210640960	S53209TS0B1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	S0	24V	GREEN LED
1210640964	S53209TU021	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	U0	24V	RED LED & GREEN LED
1210640966	S53209TU051	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	U0	230V	RED LED & GREEN LED
1210640970	S53211GR021	TYPE A 2P PG11 GRAY NBR PROFILE GASKET	R0	24V	VDR

<b>SEE SHEET 1</b> EC NO: PGZ013-1025 DRW: DSHEA 2013/01/14 CHK: SMCREVEY 2013/01/18 APPR: S.IGRIFIN 2013/02/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>1.5:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION																																							
	$\nabla=0$ $\nabla=0$	<table border="1"> <tr><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES ± ---</td><td>± ---</td></tr> <tr><td>3 PLACES ± ---</td><td>± ---</td></tr> <tr><td>2 PLACES ± 0.10</td><td>± ---</td></tr> <tr><td>1 PLACE ± 0.20</td><td>± ---</td></tr> </table>	mm	INCH	4 PLACES ± ---	± ---	3 PLACES ± ---	± ---	2 PLACES ± 0.10	± ---	1 PLACE ± 0.20	± ---	<table border="1"> <tr><th>mm</th><th>INCH</th></tr> <tr><td>± 0.10</td><td>± 0.004</td></tr> <tr><td>± 0.20</td><td>± 0.008</td></tr> <tr><td>± 0.30</td><td>± 0.012</td></tr> <tr><td>± 0.50</td><td>± 0.020</td></tr> <tr><td>± 0.75</td><td>± 0.030</td></tr> <tr><td>± 1.00</td><td>± 0.040</td></tr> <tr><td>± 1.50</td><td>± 0.060</td></tr> <tr><td>± 2.00</td><td>± 0.080</td></tr> <tr><td>± 3.00</td><td>± 0.120</td></tr> <tr><td>± 4.00</td><td>± 0.160</td></tr> <tr><td>± 6.00</td><td>± 0.240</td></tr> <tr><td>± 8.00</td><td>± 0.320</td></tr> <tr><td>± 10.00</td><td>± 0.400</td></tr> </table>	mm	INCH	± 0.10	± 0.004	± 0.20	± 0.008	± 0.30	± 0.012	± 0.50	± 0.020	± 0.75	± 0.030	± 1.00	± 0.040	± 1.50	± 0.060	± 2.00	± 0.080	± 3.00	± 0.120	± 4.00	± 0.160	± 6.00	± 0.240	± 8.00	± 0.320	± 10.00	± 0.400	DRAWN BY: DSHEA DATE: 2011/06/02 CHECKED BY: DMAHER DATE: 2011/06/08 APPROVED BY: EFOLAN DATE: 2011/06/22	<b>S53 SERIES INTERNAL THREAD</b>		<b>MOLEX INCORPORATED</b> MATERIAL NO. SD-121064-007 DOCUMENT NO. 2 OF 3
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PART NO	MPM NO	DESCRIPTION	CIRCUIT	VOLTAGE	INDICATOR
1210640971	S53211GR031	TYPE A 2P PG11 GRAY NBR PROFILE GASKET	R0	48V	VDR
1210640972	S53211GR041	TYPE A 2P PG11 GRAY NBR PROFILE GASKET	R0	115V	VDR
1210640973	S53211GR051	TYPE A 2P PG11 GRAY NBR PROFILE GASKET	R0	230V	VDR
1210640975	S53211NR021	TYPE A 2P PG11 BLACK NBR PROFILE GASKET	R0	24V	VDR
1210640977	S53211NR031	TYPE A 2P PG11 BLACK NBR PROFILE GASKET	R0	48V	VDR
1210640978	S53211NR041	TYPE A 2P PG11 BLACK NBR PROFILE GASKET	R0	115V	VDR
1210640979	S53211NR051	TYPE A 2P PG11 BLACK NBR PROFILE GASKET	R0	230V	VDR
1210640980	S53211NR052	TYPE A 2P PG11 BLACK NBR FLAT GASKET	R0	230V	VDR
1210640996	S53211TC321	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	C3	24V	RED LED
1210641001	S53211TC421	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	C4	24V	RED LED
1210641003	S53211TC441	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	C4	115V	RED LED
1210641004	S53211TC451	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	C4	230V	RED LED
1210641005	S53211TC4B1	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	C4	24V	GREEN LED
1210641006	S53211TC4E1	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	C4	230V	GREEN LED
1210641007	S53211TC4H1	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	C4	24V	AMBER LED
1210641008	S53211TC4L1	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	C4	115V	AMBER LED
1210641014	S53211TR221	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	R2	24V	RED LED
1210641015	S53211TR222	TYPE A 2P PG11 TRANSPARENT NBR FLAT GASKET	R2	24V	RED LED
1210641016	S53211TR241	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	R2	115V	RED LED
1210641017	S53211TR251	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	R2	230V	RED LED
1210641018	S53211TR2E1	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	R2	230V	GREEN LED
1210641023	S53211TS0B1	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	S0	24V	GREEN LED
1210641274	S53211TC4D1	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	C4	115V	GREEN LED
1210641350	S53209TS0H1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	S0	24V	AMBER LED
1210641372	S53209NRA51	TYPE A 2P PG9 BLACK NBR PROFILE GASKET	RA	230V	RED LED
1210641390	S53211TA1H1	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	A1	24V	AMBER LED
1210641422	S532M6TC421	TYPE A 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET	C4	24V	RED LED
1210641424	S53211TC422	TYPE A 2P PG11 TRANSPARENT NBR FLAT GASKET	C4	24V	RED LED
1210641425	S53209NR061	TYPE A 2P PG9 BLACK NBR PROFILE GASKET	R0	275V	VDR
1210641452	S532M6TS021	TYPE A 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET	S0	24V	RED LED
1210641521	S532M6TC4H1	TYPE A 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET	C4	24V	AMBER LED
1210641542	S532M6NR051	TYPE A 2P M16x1.5 BLACK NBR PROFILE GASKET	R0	230V	VDR
1210641609	S53209TC322	TYPE A 2P PG9 TRANSPARENT NBR FLAT GASKET	C3	24V	RED LED
1210641615	S53209GRA51	TYPE A 2P PG9 GRAY NBR PROFILE GASKET	RA	230V	RED LED
1210641623	S532M6NE151	TYPE A 2P M16x1.5 BLACK NBR PROFILE GASKET	E1	230V	DIODE
1210641630	S53209TC422	TYPE A 2P PG9 TRANSPARENT NBR FLAT GASKET	C4	24V	RED LED
1210641685	S53211TS0H1	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	S0	24V	AMBER LED
1210641688	S53211TR2B1	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET	R2	24V	GREEN LED
1210641698	S532M6NR021	TYPE A 2P M16x1.5 BLACK NBR PROFILE GASKET	R0	24V	VDR
1210641705	S53211TC421AF	TYPE A 2P PG11 TRANSPARENT NBR PROFILE GASKET WITH SCREW MOUNTED	C4	24V	RED LED
1210641725	S53209TR2C1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	R2	48V	GREEN LED
1210641734	S53209TR221AF	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET WITH SCREW MOUNTED	R2	24V	RED LED
1210641739	S53209TA1A1	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	A1	12V	GREEN LED
1210641740	S53209TA111	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET	A1	12V	RED LED
1210641754	S532M6NR061	TYPE A 2P M16x1.5 BLACK NBR PROFILE GASKET	R0	275V	VDR
1210650593	S53209NR051AF	TYPE A 2P PG9 BLACK NBR PROFILE GASKET WITH SCREW MOUNTED	R0	230V	VDR
1210641788	S532M6TC321	TYPE A 2P M16x1.5 TRANSPARENT NBR PROFILE GASKET	C3	24V	RED LED
1210641798	S53209NR05T14	TYPE A 2P PG9 TRANSPARENT NBR PROFILE GASKET, IP67 SCREW	R0	230V	VDR
1210641800	S53211WR051SA	TYPE A 2P PG11 BLACK V0 NBR PROFILE GASKET UL LISTED	R0	230V	VDR

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