



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: IPG2014-1836 DRW:DSHEA 2014/04/23 CHKD:SMGREVY 2014/04/23 APPR:STIGLFFIN 2014/05/06	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- ANGULAR ± 2 °	mm INCH DRAWN BY DATE OSHEA 2011/06/02 CHECKED BY DATE DMAHER 2011/06/08 APPROVED BY DATE EFOLAN 2011/06/22	TITLE S53 SERIES INTERNAL THREAD			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET 2		MOLEX INCORPORATED		DOCUMENT NO. SD-121064-007	
		SIZE A 2		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
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

SEE SHEET 1 EC NO: IP02014-4836 DRW: DSHEA 2014/04/23 CHK: SMCREVEY 2014/04/23 APPR: S.IGRIFIN 2014/05/06	QUALITY SYMBOLS = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.10</td> <td>± 0.004</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.15</td> <td>± 0.005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± 0.008</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± 0.010</td> </tr> </table>		mm	INCH	4 PLACES	± 0.10	± 0.004	3 PLACES	± 0.15	± 0.005	2 PLACES	± 0.20	± 0.008	1 PLACE	± 0.25	± 0.010	DIMENSION STYLE MM ONLY DRAWN BY: DSHEA DATE: 2011/06/02 CHECKED BY: DMAHER DATE: 2011/06/08 APPROVED BY: EFOLAN DATE: 2011/06/22	SCALE: 1.5:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: S53 SERIES INTERNAL THREAD
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.: SEE TABLE SIZE: A 2	DOCUMENT NO.: SD-121064-007	SHEET 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
1210641813	S53211WE151SA	TYPE A 2P PG11 BLACK V0 NBR PROFILE GASKET UL LISTED	E1	230V	DIODE

SEE SHEET 1 EC NO: PGZ014-1836 DRWNS:JSHEA 2014/04/23 CHKD:SMGREVY 2014/04/23 APPR:STGRJFIN 2014/05/06	DESCRIPTION QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± ---	mm INCH ± --- ± --- ± --- ± --- ± --- ± ---	DRAWN BY DSHEA	DATE 2011/06/02	TITLE S53 SERIES INTERNAL THREAD			
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				MATERIAL NO. SEE TABLE	DATE 2011/06/22	MOLEX INCORPORATED		DOCUMENT NO. SD-121064-007	SHEET NO. 3 OF 3