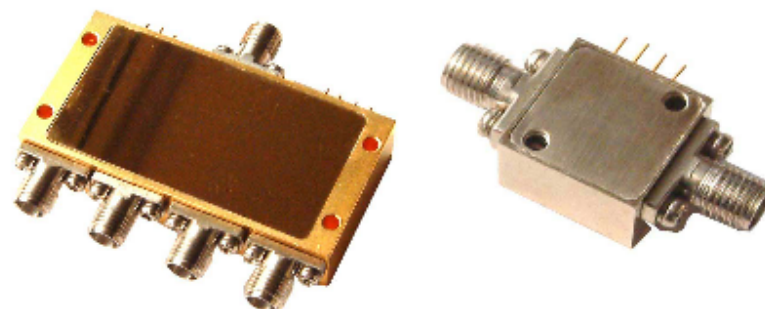


Coaxial-Pin Switch



1. Reflective Switches 0.02 to 18GHz

P/N	Freq. Range (GHz)	Type	Insertion Loss (dB) max	VSWR max	Isolation (dB) min	Switching Speed (ns) max	Power Handling (W) max	Case
JXWBKG-1-213-111	2-18	SPST	2.2	2.2	55	50	0.2-1	W101,W102,W103
JXWBKG-2-213-111	2-18	SP2T	2.4	2.2	60	50	0.2	W201,W202,W203
JXWBKG-T-2-213-111	2-18	SP2T	2.6	2.1	60	50	0.2	-
JXWBKG-3-213-111	2-18	SP3T	2.5	2.2	60	50	0.2	W301,W302
JXWBKG-4-213-111	2-18	SP4T	2.7	2.2	60	50	0.2	W401,W402,W403
JXWBKG-5-213-111	2-18	SP5T	2.8	2.2	60	50	0.2	W501 , W502
JXWBKG-6-213-111	2-18	SP6T	3.0	2.2	60	50	0.2	W602 , W603
JXWBKG-7-213-111	2-18	SP7T	3.2	2.2	60	50	0.2	W702 , W703
JXWBKG-8-213-111	2-18	SP8T	3.5	2.2	60	50	0.2	W802
JXWBKG-T-8-213-111	2-18	SP8T	5.2	2.2	60	100	0.2	-
JXWBKG-1-214-111	2-18	SPST	2.4	2.2	80	50	0.2-1	W101,W102,W103
JXWBKG-2-214-111	2-18	SP2T	2.6	2.2	80	50	0.2	W201W202,W203
JXWBKG-3-214-111	2-18	SP3T	2.7	2.2	80	50	0.2	W301 , W302
JXWBKG-4-214-111	2-18	SP4T	2.9	2.2	80	50	0.2	W401W402,W403
JXWBKG-5-214-111	2-18	SP5T	3.1	2.2	80	50	0.2	W501 , W502
JXWBKG-6-214-111	2-18	SP6T	3.2	2.2	80	50	0.2	W602,W603
JXWBKG-7-214-111	2-18	SP7T	3.4	2.2	80	50	0.2	W702,W703
JXWBKG-8-214-111	2-18	SP8T	3.7	2.2	80	50	0.2	W802

Notes: For SPST being used as modulator, package options are X101, X103, X104 and X105

P/N	Freq. Range (GHz)	Type	Insertion Loss (dB) max	VSWR max	Isolation (dB) min	Switching Speed (ns) max	Power Handling (W) max	Case
JXWBKG-1-A14-111	0.02-0.5	SPST	1.2	1.5	80	100-500	0.2-1	W101,W102, W103
JXWBKG-2-A14-111	0.02-0.5	SP2T	1.3	1.5	80	100-500	0.2-1	W201,W202, W203
JXWBKG-3-A14-111	0.02-0.5	SP3T	1.4	1.5	80	100-500	0.2-1	W301,W302
JXWBKG-4-A14-111	0.02-0.5	SP4T	1.5	1.5	80	100-500	0.2-1	W401,W402, W403
JXWBKG-5-A14-111	0.02-0.5	SP5T	1.5	1.5	80	100-500	0.2-1	W501,W502
JXWBKG-6-A14-111	0.02-0.5	SP6T	1.6	1.5	80	100-500	0.2-1	W602,W603
JXWBKG-7-A14-111	0.02-0.5	SP7T	1.7	1.5	80	100-500	0.2-1	W702,W703
JXWBKG-8-A14-111	0.02-0.5	SP8T	1.7	1.5	80	100-500	0.2-1	W802
JXWBKG-1-B14-111	0.5-1	SPST	1.3	1.5	80	100	0.2	W101,W102, W103
JXWBKG-2-B14-111	0.5-1	SP2T	1.4	1.5	80	100	0.2	W201,W202, W203
JXWBKG-3-B14-111	0.5-1	SP3T	1.5	1.5	80	100	0.2	W301,W302
JXWBKG-4-B14-111	0.5-1	SP4T	1.6	1.5	80	100	0.2	W401,W402, W403



JXWBKG-5-B14-111	0.5-1	SP5T	1.6	1.5	80	100	0.2	W501, W502
JXWBKG-6-B14-111	0.5-1	SP6T	1.7	1.5	80	100	0.2	W602, W603
JXWBKG-7-B14-111	0.5-1	SP7T	1.8	1.5	80	100	0.2	W702, W703
JXWBKG-8-B14-111	0.5-1	SP8T	1.8	1.5	80	100	0.2	W802
JXWBKG-1-C14-111	1-2	SPST	0.8	1.5	80	50	0.2	W101, W102, W103
JXWBKG-2-C14-111	1-2	SP2T	1.0	1.5	80	50	0.2	W201, W202, W203
JXWBKG-3-C14-111	1-2	SP3T	1.2	1.5	80	50	0.2	W301, W302
JXWBKG-4-C14-111	1-2	SP4T	1.2	1.5	80	50	0.2	W401, W402, W403
JXWBKG-5-C14-111	1-2	SP5T	1.3	1.5	80	50	0.2	W501, W502
JXWBKG-6-C14-111	1-2	SP6T	1.4	1.5	80	50	0.2	W602, W603
JXWBKG-7-C14-111	1-2	SP7T	1.4	1.5	80	50	0.2	W702, W703
JXWBKG-8-C14-111	1-2	SP8T	1.4	1.5	80	50	0.2	W802
JXWBKG-1-D14-111	2-4	SPST	1.2	1.5	80	50	0.2	W101, W102, W103
JXWBKG-2-D14-111	2-4	SP2T	1.3	1.5	80	50	0.2	W201, W202, W203
JXWBKG-3-D14-111	2-4	SP3T	1.3	1.5	80	50	0.2	W301, W302
JXWBKG-4-D14-111	2-4	SP4T	1.4	1.5	80	50	0.2	W401, W402, W403
JXWBKG-5-D14-111	2-4	SP5T	1.5	1.5	80	50	0.2	W501, W502
JXWBKG-6-D14-111	2-4	SP6T	1.6	1.5	80	50	0.2	W602, W603
JXWBKG-7-D14-111	2-4	SP7T	1.6	1.5	80	50	0.2	W702, W703
JXWBKG-8-D14-111	2-4	SP8T	1.7	1.5	80	50	0.2	W802
JXWBKG-1-E14-111	4-8	SPST	1.5	1.6	60	50	0.2	W101, W102, W103
JXWBKG-2-E14-111	4-8	SP2T	1.6	1.6	60	50	0.2	W201, W202, W203
JXWBKG-3-E14-111	4-8	SP3T	1.7	1.6	60	50	0.2	W301, W302
JXWBKG-4-E14-111	4-8	SP4T	1.8	1.6	60	50	0.2	W401, W402, W403
JXWBKG-5-E14-111	4-8	SP5T	1.8	1.6	60	50	0.2	W501, W502
JXWBKG-6-E14-111	4-8	SP6T	2.0	1.6	60	50	0.2	W602, W603
JXWBKG-7-E14-111	4-8	SP7T	2.0	1.6	60	50	0.2	W702, W703
JXWBKG-8-E14-111	4-8	SP8T	2.2	1.6	60	50	0.2	W802
JXWBKG-1-F13-111	8-12	SPST	1.8	1.7	60	50	0.2	W101, W102, W103
JXWBKG-2-F13-111	8-12	SP2T	1.8	1.7	60	50	0.2	W201, W202, W203
JXWBKG-3-F13-111	8-12	SP3T	2.0	1.7	60	50	0.2	W301, W302
JXWBKG-4-F13-111	8-12	SP4T	2.0	1.7	60	50	0.2	W401, W402, W403
JXWBKG-5-F13-111	8-12	SP5T	2.1	1.7	60	50	0.2	W501, W502
JXWBKG-6-F13-111	8-12	SP6T	2.1	1.7	60	50	0.2	W602, W603
JXWBKG-7-F13-111	8-12	SP7T	2.3	1.7	60	50	0.2	W702, W703
JXWBKG-1-G13-111	12-18	SPST	2.2	2.0	60	50	0.2	W101, W102, W103
JXWBKG-2-G13-111	12-18	SP2T	2.5	2.0	60	50	0.2	W201, W202, W203
JXWBKG-3-G13-111	12-18	SP3T	2.6	2.0	60	50	0.2	W301, W302
JXWBKG-4-G13-111	12-18	SP4T	2.8	2.0	60	50	0.2	W401, W402, W403
JXWBKG-5-G13-111	12-18	SP5T	2.9	2.0	60	50	0.2	W501, W502
JXWBKG-6-G13-111	12-18	SP6T	3.2	2.0	60	50	0.2	W602, W603
JXWBKG-7-G13-111	12-18	SP7T	3.3	2.0	60	50	0.2	W702, W703
JXWBKG-1-113-111	0.02-3	SPST	2.2	2.0	60	200	0.2	W101, W102, W103
JXWBKG-2-113-111	0.02-3	SP2T	2.3	2.0	60	200	0.2	W201, W202, W203
JXWBKG-3-113-111	0.02-3	SP3T	2.4	2.0	60	200	0.2	W301, W302
JXWBKG-4-113-111	0.02-3	SP4T	2.5	2.0	60	200	0.2	W401, W402, W403
JXWBKG-5-113-111	0.02-3	SP5T	2.6	2.0	60	200	0.2	W501, W502



JXWBKG-6-113-111	0.02-3	SP6T	2.7	2.0	60	200	0.2	W602,W603
JXWBKG-7-113-111	0.02-3	SP7T	2.8	2.0	60	200	0.2	W702,W703
JXWBKG-8-113-111	0.02-3	SP8T	3.0	2.0	60	200	0.2	W802

2. Reflective Switches 0.05 to 20GHz

P/N	Freq. Range (GHz)	Type	Insertion Loss (dB) max	VSWR max	Isolation (dB) min	Switching Speed (ns) max	Power Handling (W) max
JXWBKG-T-1-2-18	2-18	SPST	3.1	2.2	80	50	1
JXWBKG-T-2-0.5-18	0.5-18	SP2T	3.5	2.0	60	50	1CW
JXWBKG-T-2-0.5-20	0.5-20	SP2T	4.5	2.0	60	50	0.5CW
JXWBKG-T-2-0.5-20-AI	0.5-20	SP2T	4.5	2.0	60	50	0.5
JXWBKG-T-2-2-18-A	2-18	SP2T	3.2	1.8	55	50	-
JXWBKG-T-2-950-1950-R	0.95-1.95	SP2T	1.3	1.5	60	50	0.5
JXWBKG-T-2-8-10.7	8.0-10.7	SP2T	1.5	1.8	35	10us	10CW
JXWBKG-T-4-0.5-20	0.5-20	SP4T	5.2	2.0	60	50	0.5CW
JXWBKG-T-4-0.5-20-AI	0.5-20	SP4T	5.2	2.0	60	50	0.5
JXWBKG-T-4-0.5-18	0.5-18	SP4T	3.8	2.0	60	50	1

3. Absorptive Switches 0.01 to 24GHz

P/N	Freq. Range (GHz)	Type	Insertion Loss (dB) max	VSWR max	Isolation (dB) min	Switching Speed (ns) max	Power Handling (W) max
JXWBKG-1-223-111	2-18	SPST	3.1	2.2	60	50	0.2
JXWBKG-T-1-0.5-20	0.5-20	SPST	3.8	2.0	60	50	0.2
JXWBKG-T-2-0.4-6	0.4-6	SP2T	2	1.5	60	1us	-
JXWBKG-T-2-24000-A	24	SP2T	4.0	-	60	100	0.2CW
JXWBKG-2-223-111	2-18	SP2T	3.2	2.2	60	50	0.2
JXWBKG-T-3-10-500-A	0.01-0.5	SP3T	1.6	1.4	80	0.5ms	-
JXWBKG-3-223-111	2-18	SP3T	3.3	2.2	60	50	0.2
JXWBKG-T-4-223-111	2-18	SP4T	3.7	2.2	60	100	0.2
JXWBKG-T-4-3.7-6.7-A	3.7-6.7	SP4T	2.8	1.5	80	50	0.2
JXWBKG-T-4-24000-A	24	SP4T	4.6	-	60	100	0.2
JXWBKG-T-5-20-1000-A	0.02-1	SP5T	2.2	1.8	60	500	0.2
JXWBKG-5-223-111	2-18	SP5T	3.6	2.2	60	50	0.2
JXWBKG-6-223-111	2-18	SP6T	3.8	2.2	60	50	0.2
JXWBKG-7-223-111	2-18	SP7T	4.2	2.2	60	50	0.2

Notes: For SPST being used as modulator, package options are X101, X103, X104 and X105

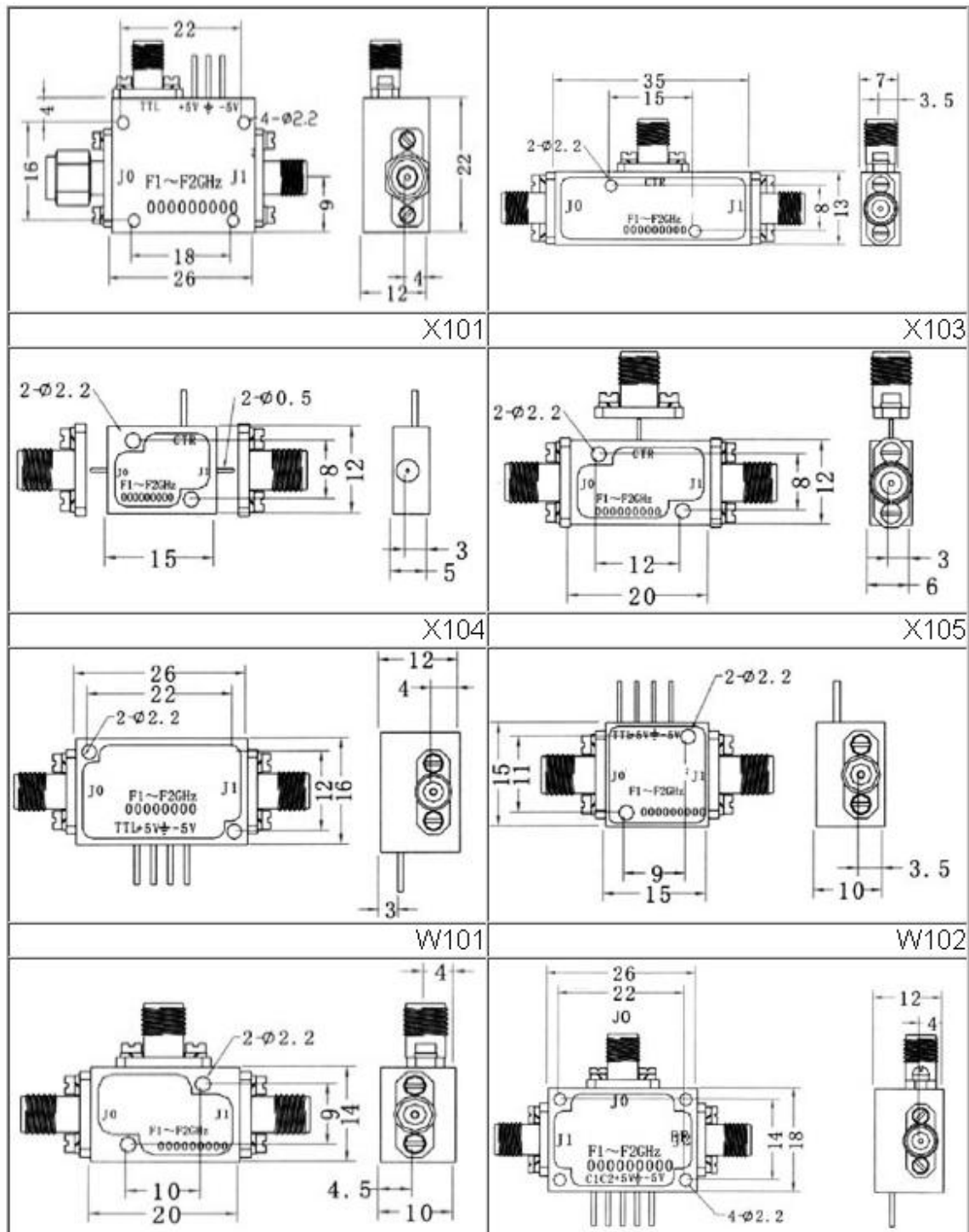
P/N	Freq. Range (GHz)	Type	Insertion Loss (dB) max	VSWR max	Isolation (dB) min	Switching Speed (ns) max	Power Handling (W) max	Case
JXWBKG-1-A24-111	0.02-0.5	SPST	1.4	1.5	80	100-500	0.2-1	W101,W102,W103
JXWBKG-2-A24-111	0.02-0.5	SP2T	1.5	1.5	80	100-500	0.2-1	W201,W202,W203
JXWBKG-3-A24-111	0.02-0.5	SP3T	1.5	1.5	80	100-500	0.2-1	W301,W302

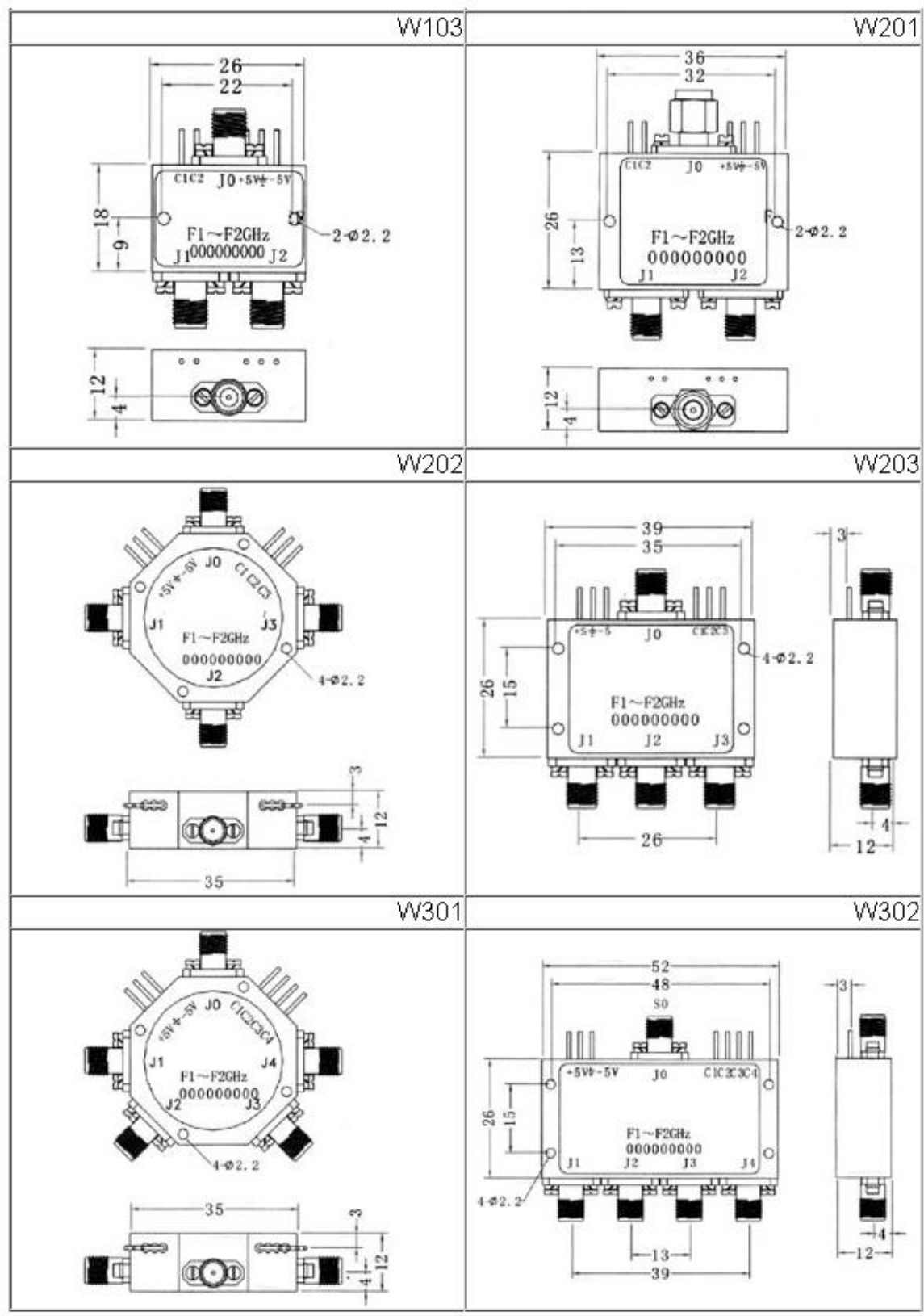


JXWBKG-4-A24-111	0.02-0.5	SP4T	1.6	1.5	80	100-500	0.2-1	W401,W402,W403
JXWBKG-5-A24-111	0.02-0.5	SP5T	1.6	1.5	80	100-500	0.2-1	W501,W502
JXWBKG-6-A24-111	0.02-0.5	SP6T	1.7	1.5	80	100-500	0.2-1	W602,W603
JXWBKG-7-A24-111	0.02-0.5	SP7T	1.8	1.5	80	100-500	0.2-1	W702,W703
JXWBKG-8-A24-111	0.02-0.5	SP8T	1.9	1.5	80	100-500	0.2-1	W802
JXWBKG-1-B24-111	0.5-1	SPST	1.5	1.5	80	100	0.2	W101,W102,W103
JXWBKG-2-B24-111	0.5-1	SP2T	1.6	1.5	80	100	0.2	W201,W202,W203
JXWBKG-3-B24-111	0.5-1	SP3T	1.6	1.5	80	100	0.2	W301,W302
JXWBKG-4-B24-111	0.5-1	SP4T	1.7	1.5	80	100	0.2	W401,W402,W403
JXWBKG-5-B24-111	0.5-1	SP5T	1.7	1.5	80	100	0.2	W501,W502
JXWBKG-6-B24-111	0.5-1	SP6T	1.8	1.5	80	100	0.2	W602,W603
JXWBKG-7-B24-111	0.5-1	SP7T	1.9	1.5	80	100	0.2	W702,W703
JXWBKG-8-B24-111	0.5-1	SP8T	2.0	1.5	80	100	0.2	W802
JXWBKG-1-C24-111	1-2	SPST	1.0	1.5	80	50	0.2	W101,W102,W103
JXWBKG-2-C24-111	1-2	SP2T	1.2	1.5	80	50	0.2	W201,W202,W203
JXWBKG-3-C24-111	1-2	SP3T	1.4	1.5	80	50	0.2	W301,W302
JXWBKG-4-C24-111	1-2	SP4T	1.4	1.5	80	50	0.2	W401,W402,W403
JXWBKG-5-C24-111	1-2	SP5T	1.5	1.5	80	50	0.2	W501,W502
JXWBKG-6-C24-111	1-2	SP6T	1.6	1.5	80	50	0.2	W602,W603
JXWBKG-7-C24-111	1-2	SP7T	1.6	1.5	80	50	0.2	W702,W703
JXWBKG-8-C24-111	1-2	SP8T	1.7	1.5	80	50	0.2	W802
JXWBKG-T-1-D24-111	2-4	SPST	1.6	1.5	80	50	0.2	W101,W102,W103
JXWBKG-2-D24-111	2-4	SP2T	1.8	1.5	80	50	0.2	W201,W202,W203
JXWBKG-3-D24-111	2-4	SP3T	1.8	1.5	80	50	0.2	W301,W302
JXWBKG-4-D24-111	2-4	SP4T	1.8	1.5	80	50	0.2	W401,W402,W403
JXWBKG-5-D24-111	2-4	SP5T	1.9	1.5	80	50	0.2	W501,W502
JXWBKG-6-D24-111	2-4	SP6T	2.0	1.5	80	50	0.2	W602,W603
JXWBKG-7-D24-111	2-4	SP7T	2.0	1.5	80	50	0.2	W702,W703
JXWBKG-8-D24-111	2-4	SP8T	2.0	1.5	82	50	0.2	W802
JXWBKG-1-E23-111	4-8	SPST	2.0	1.6	60	50	0.2	W101,W102,W103
JXWBKG-T-2-E23-111	4-8	SP2T	2.0	1.6	60	50	0.2	W201,W202,W203
JXWBKG-3-E23-111	4-8	SP3T	2.1	1.6	60	50	0.2	W301,W302
JXWBKG-4-E23-111	4-8	SP4T	2.2	1.6	60	50	0.2	W401,W402,W403
JXWBKG-5-E23-111	4-8	SP5T	2.3	1.6	60	50	0.2	W501,W502
JXWBKG-6-E23-111	4-8	SP6T	2.4	1.7	60	50	0.2	W602,W603
JXWBKG-7-E23-111	4-8	SP7T	2.4	1.8	60	50	0.2	W702,W703
JXWBKG-8-E23-111	4-8	SP8T	2.5	1.8	60	50	0.2	W802
JXWBKG-1-D23-111	8-12	SPST	2.5	1.5	60	50	0.2-2	W101,W102,W103
JXWBKG-2-D23-111	8-12	SP2T	2.6	1.5	60	50	0.2	W201,W202,W203
JXWBKG-3-D23-111	8-12	SP3T	2.7	1.5	60	50	0.2	W301,W302
JXWBKG-4-D23-111	8-12	SP4T	2.8	1.5	60	50	0.2	W401,W402,W403
JXWBKG-5-D23-111	8-12	SP5T	2.9	1.5	60	50	0.2	W501,W502
JXWBKG-6-D23-111	8-12	SP6T	3.0	1.5	60	50	0.2	W602,W603
JXWBKG-7-D23-111	8-12	SP7T	3.1	1.5	60	50	0.2	W702,W703
JXWBKG-1-G23-111	12-18	SPST	3.2	2.0	60	50	0.2	W101,W102,W103
JXWBKG-T-2-G23-111	12-18	SP2T	3.2	2.0	60	50	0.2	W201,W202,W203
JXWBKG-3-G23-111	12-18	SP3T	3.3	2.0	60	50	0.2	W301,W302
JXWBKG-4-G23-111	12-18	SP4T	3.5	2.0	60	50	0.2	W401,W402,W403
JXWBKG-5-G23-111	12-18	SP5T	3.5	2.0	60	50	0.2	W501,W502

JXWBKG-1-123-111	0.02-3	SPST	2.4	2.0	60	200	0.2	W101,W102, W103
JXWBKG-2-123-111	0.02-3	SP2T	2.5	2.0	60	200	0.2	W201,W202, W203
JXWBKG-3-123-111	0.02-3	SP3T	2.6	2.0	60	200	0.2	W301,W302
JXWBKG-4-123-111	0.02-3	SP4T	2.7	2.0	60	200	0.2	W401,W402, W403
JXWBKG-5-123-111	0.02-3	SP5T	2.8	2.0	60	200	0.2	W501,W502
JXWBKG-6-123-111	0.02-3	SP6T	2.9	2.0	60	200	0.2	W602,W603
JXWBKG-7-123-111	0.02-3	SP7T	3.0	2.0	60	200	0.2	W702,W703
JXWBKG-8-123-111	0.02-3	SP8T	3.2	2.0	60	200	0.2	W802

4. Outline Drawing





<p style="text-align: right;">W401</p>	<p style="text-align: right;">W402</p>
<p style="text-align: right;">W403</p>	<p style="text-align: right;">W501</p>
<p style="text-align: right;">W502</p>	<p style="text-align: right;">W602</p>
<p style="text-align: right;">W603</p>	<p style="text-align: right;">W702</p>

High Power PIN Switch



Type	P/N	Freq. Range (GHz)	Insertion Loss (dB) max	Isolation (dB) min	VSWR max	Power Handling (W) CW max	Switching Speed (us) max	Power Supply (V/mA)	Case
SPST	JXWBKG-T-1-1000-2000-120	1-2	0.5	30	1.3	120	0.8	+5/200, -48/20	HK-1
SPST	JXWBKG-T-1-2000-4000-120	2-4	0.6	26	1.4	120	0.8		HK-1
SPST	JXWBKG-T-1-4000-8000-120	4-8	0.7	20	1.7	120	0.8		HK-1
SPST	JXWBKG-T-1-6000-18000-120	6-18	1.4	20	1.8	120	0.8		HK-1
SPDT	JXWBKG-T-2-1000-2000-120	1-2	0.5	30	1.4	120	0.8		HK-2
SPDT	JXWBKG-T-2-1500-3000-120	1.5-3	0.6	30	1.4	120	0.8		HK-3
SPDT	JXWBKG-T-2-2000-4000-120	2-4	0.6	30	1.5	120	0.8		HK-3
SPDT	JXWBKG-T-2-4000-8000-120	4-8	1.0	28	1.7	120	0.8		HK-4
SPDT	JXWBKG-T-2-6000-18000-120	6-18	1.5	26	1.8	120	0.8	HK-5	
SPDT	JXWBKG-T-2-900-1800-50*	0.9-1.8	1.2	55	1.5	50	0.6	+5/200, -28~-70/20	HK-7
SPDT	JXWBKG-T-2-2000-4000-100*	2-4	1.3	55	1.5	100	0.5	+5/200, -28~-70/20	HK-7
SPDT	JXWBKG-T-2-8000-12000-100*	8-12	1.8	25	1.8	100	0.5	+5/200, -28~-70/20	HK-8
SP4T	JXWBKG-T-4-50-1000-50	0.05-1	1.0	40	1.8	50	1	+5/500, -48/20	HK-6

Notes:

1. Operating Temperature: -55°C ~ +85°C(the mounting Plate Temperature).
2. Connector: TNC-Female. *Connector: SMA-Female

Other High Power Switches

P/N	Freq. Range (GHz)	Type	Insertion Loss (dB) max	VSWR max	Isolation (dB) min	Switching Speed (ns) max	Power Handling (W) max
JXWBKG-T-2-2650-2750-90	2.65-2.75	SP2T	0.6	1.4	34	800	90
JXWBKG-T-2-8-10.7	8.0-10.7	SP2T	1.5	1.8	35	10us	10CW
JXWBKG-T-2-8.5-9.6-10W	8.5-9.6	SP2T	2.5	1.5	65	200	10
JXWBKG-T-4-2000-6000-3A	2-6	SP4T	4.0	1.6	70	1us	3