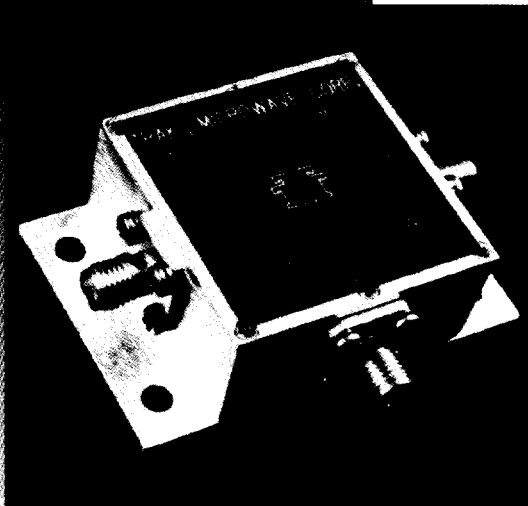
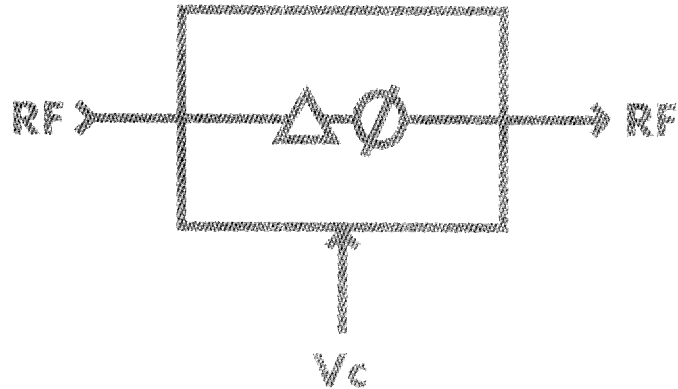


VOLTAGE VARIABLE PHASE SHIFTERS

Product Specifications

Product Specifier



PHASE SHIFTERS

VOLTAGE VARIABLE PHASE SHIFTERS

Model Number	Frequency, Center (MHz)	Bandwidth Min (%)	Ins. Loss Typ/Max (db)	Phase Shift, Min (deg)	Ret Loss Typ/Min (dB)	Package
PSV/30A-05	30	10	0.8/1.6	180	22/14	05
PSV/70A-05	70	10	0.8/1.6	180	22/14	05
PSV/140A-05	140	10	0.8/1.6	180	22/14	05
PSV/260A-05	260	10	0.8/1.6	180	22/14	05
PSV/500B-05	500	10	0.8/1.6	160	20/13	05
PSV/750C-05	750	10	0.8/1.6	140	20/13	05
PSV/850E-05	850	10	0.8/1.6	90	18/12	05
PSV/950E-05	950	10	0.8/1.6	90	18/12	05
PSV/1000E-05	1000	10	0.8/1.6	90	18/12	05
PSV/30A-12	30	10	0.8/1.6	180	22/14	12
PSV/70A-12	70	10	0.8/1.6	180	22/14	12
PSV/140A-12	140	10	0.8/1.6	180	22/14	12
PSV/260A-12	260	10	0.8/1.6	180	22/14	12
PSV/500B-12	500	10	0.8/1.6	160	20/13	12
PSV/750C-12	750	10	0.8/1.6	140	20/13	12
PSV/850E-12	850	10	0.8/1.6	90	18/12	12
PSV/950E-12	950	10	0.8/1.6	90	18/12	12
PSV/1000E-12	1000	10	0.8/1.6	90	18/12	12
PSV/1200E-63	1200	15	1.2/1.8	90	18/14	63
PSV/1400E-63	1400	15	1.2/1.8	90	18/14	63
PSV/1600E-63	1600	15	1.3/2.0	90	16/12	63
PSV/1800E-63	1800	15	1.3/2.0	90	16/10	63
PSV/1900E-63	1900	15	1.3/2.0	90	16/10	63
PSV/2000E-63	2000	15	1.3/2.0	90	16/10	63
PSV/2200E-63	2200	15	1.3/2.0	90	14/9	63
PSV/2400E-63	2400	15	1.3/2.2	90	14/9	63
PSV/2500E-63	2500	15	1.3/2.2	90	14/9	63
PSV/2800E-63	2800	15	1.4/3.0	90	14/9	63
PSV/3000E-63	3000	15	1.4/3.0	90	14/9	63
PSV/1000E-15	1000	10	0.8/2.0	90	18/12	15
PSV/1200E-15	1200	15	1.2/1.8	90	18/14	15
PSV/1400E-15	1400	15	1.2/1.8	90	18/14	15
PSV/1600E-15	1600	15	1.3/2.0	90	16/12	15
PSV/1800E-15	1800	15	1.3/2.0	90	16/10	15
PSV/1900E-15	1900	15	1.3/2.0	90	16/10	15
PSV/2000E-15	2000	15	1.3/2.0	90	16/10	15
PSV/2200E-15	2200	15	1.3/2.0	90	14/9	15
PSV/2400E-15	2400	15	1.3/2.2	90	14/9	15
PSV/2500E-15	2500	15	1.3/2.2	90	14/9	15
PSV/2800E-15	2800	15	1.4/3.0	90	14/9	15
PSV/3000E-15	3000	15	1.4/3.0	90	14/9	15

VARIABLE PHASE SHIFTERS

Model Number	Frequency, Center (MHz)	Bandwidth Min (%)	Ins. Loss Typ/Max (db)	Phase Shift, Min (deg)	Ret Loss Typ/Min (dB)	Package
PSV/5R0A-30	5	10	1.5/3.5	360	19/12	30
PSV/10A-30	10	10	1.5/3.5	360	19/12	30
PSV/30A-30	30	10	1.5/3.5	360	19/12	30
PSV/70A-30	70	10	1.5/3.5	360	19/12	30
PSV/140A-30	140	10	1.5/3.5	360	19/12	30
PSV/260A-30	260	10	1.5/3.5	360	19/12	30
PSV/500A-30	500	10	1.5/3.5	360	19/12	30
PSV/750A-30	750	10	1.5/3.5	270	19/12	30
PSV/850A-30	850	10	1.5/3.5	270	19/12	30
PSV/950-30	950	10	1.5/2.5	270	19/12	30
PSV/5R0A-32	5	10	0.8/1.6	180	22/14	32
PSV/10A-32	10	10	0.8/1.6	180	22/14	32
PSV/30A-32	30	10	0.8/2.0	180	22/14	32
PSV/70A-32	70	10	0.8/2.0	180	22/14	32
PSV/140A-32	140	10	0.8/2.0	180	22/14	32
PSV/260A-32	260	10	0.8/2.0	180	22/14	32
PSV/500B-32	500	10	0.8/2.0	150	20/13	32
PSV/750C-32	750	10	0.8/2.0	140	20/13	32
PSV/850E-32	850	10	0.8/2.0	90	18/12	32
PSV/950E-32	950	10	0.8/2.0	90	18/12	32
PSV/1000E-32	1000	10	0.8/2.0	90	18/12	32
PSV/1200E-32	1200	15	1.2/1.8	90	18/14	32
PSV/1400E-32	1400	15	1.2/1.8	90	18/14	32
PSV/1600E-32	1600	15	1.3/2.0	90	16/12	32
PSV/1800E-32	1800	15	1.3/2.0	90	16/10	32
PSV/1900E-32	1900	15	1.3/2.0	90	16/10	32
PSV/2000E-32	2000	15	1.3/2.0	90	16/10	32
PSV/2200E-32	2200	15	1.3/2.0	90	14/9	32
PSV/2400E-32	2400	15	1.3/2.2	90	14/9	32
PSV/2500E-32	2500	15	1.3/2.2	90	14/9	32
PSV/2800E-32	2800	15	1.4/3.0	90	14/9	32
PSV/3000E-32	3000	15	1.4/3.0	90	14/9	32

Notes:

Many other frequencies, packages and bandwidth choices are available. Please consult factory for details.
 All models available in Package Style 05 are available in Package 03 (High-Rel SMD version).
 Common Specs: DC Bias: Not required; Input Power: +5 dBm max; Control voltage: 0 to +12V @ 20 uA max
 Standard Operating Temperature Range = -20 to +70C, Storage Temperature Range = -40 to +100C

VARIABLE PHASE SHIFTERS