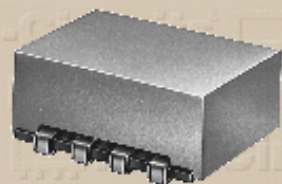


Power Splitter



Notes:

- For Surface Mount Environmental Specifications, please click [here](#).
Re-flow soldering information is available in ["Surface Mount"](#) article.
- Non-catalog model. Please consult factory for price and delivery.
- General Quality Control Procedures and Environmental Specifications are given in [Mini-Circuits Guarantees Quality](#).
Hi-Rel, MIL description are given in [Hi-Rel and MIL](#).
- Prices and Specifications subjects to change without notice.

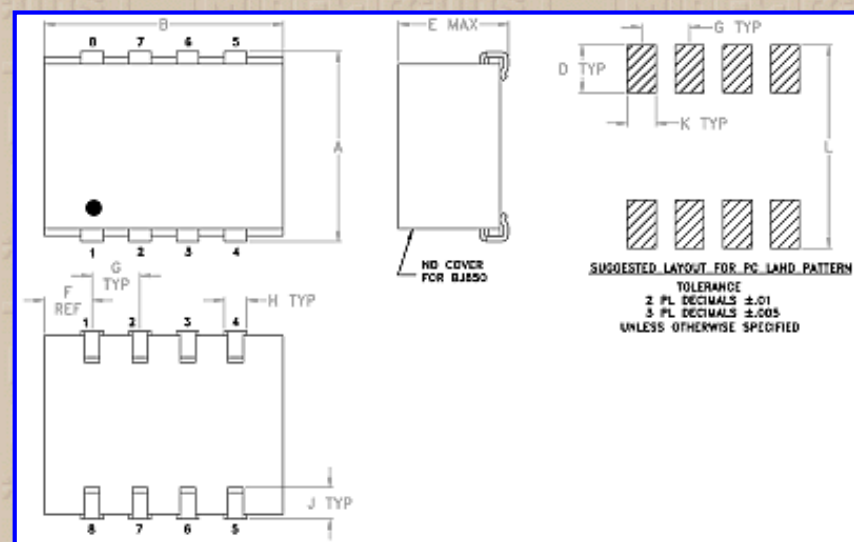
JYPS-ED9653/2 2 Way-0°

Frequency MHz	Isolation, dB						Insertion Loss, dB Above 3.0dB						Phase Unbalance Degrees			Amplitude Unbalance, dB		
	L		M		U		L		M		U		L	M	U	L	M	U
$f_L - f_U$	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Max.	Max.	Max.	Max.	Max.	Max.
0.50-2100																		

L=low range(f_L to $10f_L$) M=mid range($10f_L$ to $f_U/2$) U=upper range($f_U/2$ to f_U)

Pin Connections

Port	Sum	Port	Port 1	Port 2	Gnd Ext	Isolate
5b	1	4	5	2,3,6,7	8	



Case Style - BJ293 (inch,mm) weight: 0.8 grams.

A	B	C	D	E	F	G	H	J
.395	.500	.100	.230	.100	.100	.047	.065	
10.033	12.700	2.540	5.842	2.540	2.540	1.194	1.651	
K	L	M	N	P	Q	R	S	T
.065	.425							
1.651	10.795							

Tolerance: .x ± .1 .xx ± .03 .xxx ± .015 inch.

Material and Finish:

Case material: plastic or copper-nickel alloy, Glass Epoxy Laminate or ceramic base.

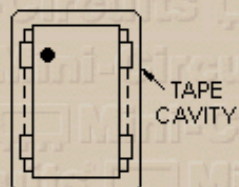
Termination finish: tin-lead plate or tin plate.

Packaging:

FREQ (MHz)	Insertion Loss (dB) S-1	Amplitude Unbalance (dB) S-2	Isolation (dB) 1-2	Phase Unbalance (Degrees)	FREQ (MHz)	VSWR S	VSWR 1	VSWR 2
0.500	6.05	6.05	0.000	14.08	0.500	1.56	1.53	1.52
0.600	6.05	6.04	0.010	14.66	0.600	1.51	1.49	1.48
0.700	6.04	6.04	0.010	15.11	0.700	1.48	1.46	1.46
0.800	6.04	6.03	0.010	15.49	0.800	1.45	1.43	1.43
0.900	6.05	6.04	0.010	15.83	0.900	1.43	1.42	1.41
1.000	6.05	6.04	0.010	16.13	1.000	1.41	1.40	1.40
2.000	6.05	6.04	0.010	18.53	2.000	1.30	1.29	1.29
3.000	6.05	6.03	0.010	20.17	3.000	1.24	1.24	1.24
4.000	6.04	6.03	0.010	21.28	4.000	1.21	1.21	1.21
5.000	6.05	6.05	0.000	22.03	5.000	1.20	1.20	1.19
14.000	6.05	6.05	0.000	23.47	14.000	1.17	1.17	1.17
23.000	6.06	6.06	0.000	23.33	23.000	1.17	1.17	1.17
32.000	6.07	6.06	0.010	23.13	32.000	1.17	1.17	1.17
41.000	6.07	6.07	0.000	23.00	41.000	1.17	1.17	1.17
50.000	6.07	6.06	0.010	22.88	50.000	1.17	1.17	1.17
190.000	6.13	6.11	0.020	22.56	190.000	1.17	1.17	1.17
330.000	6.20	6.16	0.030	22.59	330.000	1.18	1.16	1.16
470.000	6.22	6.18	0.040	22.55	470.000	1.19	1.15	1.16
610.000	6.26	6.19	0.080	22.15	610.000	1.18	1.14	1.14
750.000	6.29	6.20	0.100	20.98	750.000	1.16	1.12	1.12
800.000	6.33	6.22	0.110	20.42	800.000	1.15	1.12	1.11
850.000	6.35	6.21	0.140	19.74	850.000	1.13	1.11	1.10
900.000	6.39	6.24	0.150	19.07	900.000	1.12	1.10	1.09
950.000	6.42	6.27	0.150	18.38	950.000	1.11	1.09	1.09
1000.000	6.47	6.31	0.160	17.72	1000.000	1.09	1.09	1.08
1250.000	6.67	6.42	0.250	14.99	1250.000	1.05	1.09	1.09
1500.000	6.91	6.58	0.330	13.71	1500.000	1.23	1.19	1.19
1530.000	6.91	6.57	0.340	13.62	1530.000	1.24	1.19	1.19
1560.000	6.93	6.58	0.350	13.57	1560.000	1.26	1.20	1.20
1590.000	6.96	6.60	0.360	13.55	1590.000	1.28	1.21	1.21
1620.000	6.94	6.57	0.370	13.49	1620.000	1.29	1.22	1.21
1650.000	6.96	6.59	0.380	13.48	1650.000	1.31	1.22	1.21
1680.000	6.99	6.59	0.400	13.50	1680.000	1.32	1.23	1.22
1710.000	6.95	6.56	0.390	13.45	1710.000	1.33	1.24	1.22
1740.000	6.95	6.55	0.410	13.42	1740.000	1.34	1.24	1.22
1770.000	6.98	6.57	0.410	13.45	1770.000	1.35	1.25	1.22
1800.000	6.94	6.53	0.410	13.40	1800.000	1.36	1.25	1.23

UNIT ORIENTATION

Packaging information:
Tape Width(mm): 24
Reel Size(inches): 13
Device Cavity Pitch(mm): 16
Devices Per Reel: 500



1875.00	6.93	6.50	0.430	13.29	0.92	1875.00	1.39	1.27	1.24
1950.00	6.88	6.44	0.450	13.03	1.11	1950.00	1.41	1.29	1.25
2025.00	6.83	6.37	0.460	12.63	1.33	2025.00	1.42	1.31	1.26
2100.00	6.80	6.33	0.460	12.11	1.61	2100.00	1.43	1.33	1.28

DIRECTION OF FEED →



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