

TOROIDAL power dividers

FLAT PACK • TO-5, TO-8 • 0.01-1000 MHz

T-74-09-01

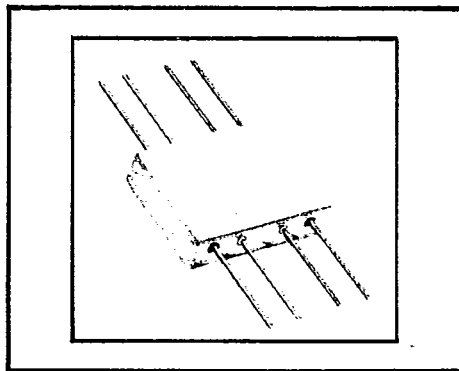
GENERAL SPECIFICATIONS

PSF SERIES

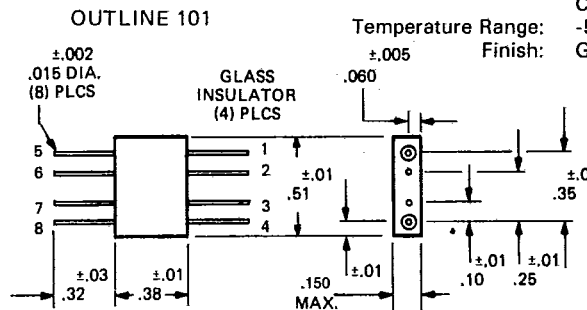
VSWR: 1.30 Typical
 Impedance: 50 Ohms Nominal
 Matched Power Rating: 1 Watt Max.
 Weight: 5 Grams
 Connector Type, 42 Grams
 Temperature Range: -55 to 100°C (operating & storage)
 Finish: Gold Plate per

PIN CONNECTIONS

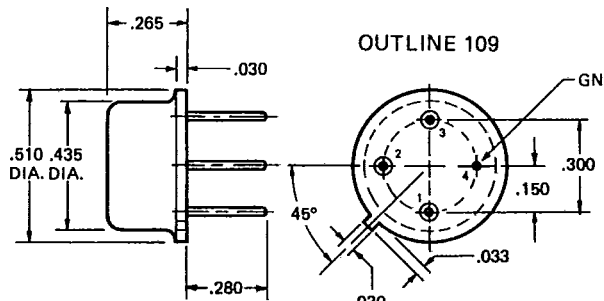
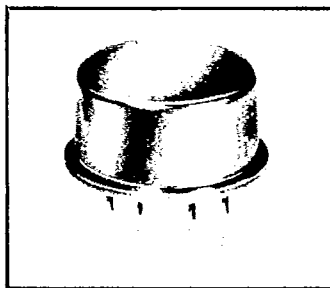
1 OUTPUT 5 OUTPUT
 2 CASE GND 6 CASE GND
 3 CASE GND 7 CASE GND
 4 CASE GND 8 INPUT



FLAT PACK



No. of Outputs	Model	Frequency (MHz)	Ins. Loss (dB Max.)	Isolation (dB Min.)	Amp. Bal. (±dB)	Phase Balance (±Deg.)	Outline
2	PSF-210	0.5-800	1.0	20	0.2	4°	101
2	PSF-211	1-100	0.5	30	0.2	2°	101
2	PSF-212	5-500	0.8	25	0.2	2°	101



PST SERIES

PIN CONNECTIONS

1 OUTPUT
 2 INPUT
 3 OUTPUT
 4 CASE GND

TO-8

No. of Outputs	Model	Frequency (MHz)	Ins. Loss (dB Max.)	Isolation (dB Min.)	Amp. Bal. (±dB)	Phase Balance (±Deg.)	Outline
2	PST-280	0.5-100	0.3	20	0.2	4°	109
		100-500	0.8				
		500-1000	1.5	20	0.1	1°	109
	PST-281	0.1-100	0.6				
	PST-270*	55-85	0.6				
	PST-271*	1-200	1.0	25	0.1	1°	109
				25	0.3	3°	109

*75 ohms

TO-5

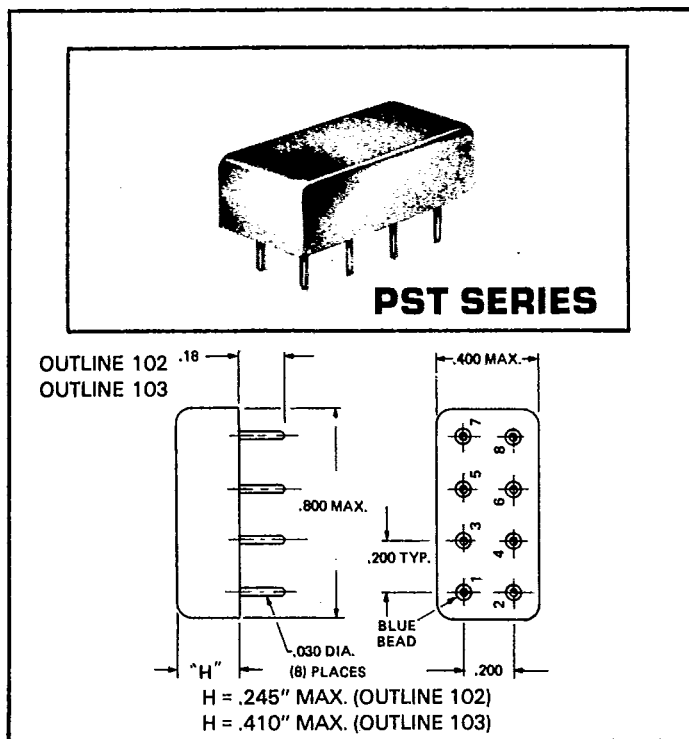
No. of Outputs	Model	Frequency (MHz)	Ins. Loss (dB Max.)	Isolation (dB Min.)	Amp. Bal. (±dB)	Phase Balance (±Deg.)	Outline
2	PST-250	1-200 200-500	0.5 0.8	22	0.2	3°	108

KDI ELECTRONICS, INC.
 Pyrofilm & Engelmann Divisions

TEL (201) 887-8100 • TWX (710) 986-8220 • FAX (201) 887-4645 • 60 South Jefferson Road, Whippany, N.J. 07981

TOROIDAL power dividers

8 PIN • 2-4 OUTPUTS • 50 & 75 OHM • 0.01-800 MHz



GENERAL SPECIFICATIONS

VSWR:	1.30 Typical
Impedance:	50 Ohms Nominal
Matched Power Rating:	1 Watt Max.
Weight:	5 Grams
	Connector Type, 42 Grams
Temperature Range:	-55 to 100°C (operating & storage)
Finish:	Bright Nickel

OUTLINE/PIN CONNECTION

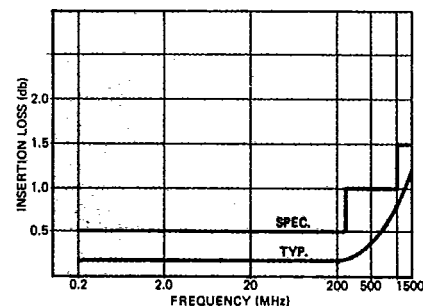
Pin #	A	B	C
1	IN	OUT	OUT
2	GND	OUT	OUT
3	GND	GND	GND
4	GND	GND	IN
5	OUT	OUT	GND
6	OUT	IN	GND
7	GND	GND	OUT
8	GND	GND	OUT

2-4 OUTPUTS

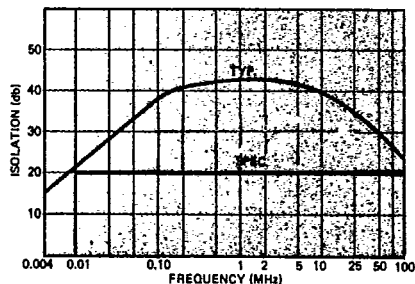
No. of Outputs	Model	Frequency (MHz)	See Graphs		Amp. Bal. (±dB)	Phase Balance (±Deg.)	Outline
			Ins. Loss (dB Max.)	Isolation (dB Min.)			
2	PSP-210	0.2-800	0.5	20	0.2	4	102A
	PSP-211	0.01-100	0.3	20	0.1	1	103A
	PSP-271*	1-200	1.0	25	0.2	3	103A
3	PSP-310	0.25-250	1.3	20	0.4	4	103B
	PSP-311	0.01-25	0.5	25	0.2	1	103B
4	PSP-410	1-250	1.0	20	0.4	5	103C
	PSP-411	0.1-100	1.0	20	0.1	1	103C
	PSP-271*	1-200	1.0	20	0.3	3	103C

*75 ohms

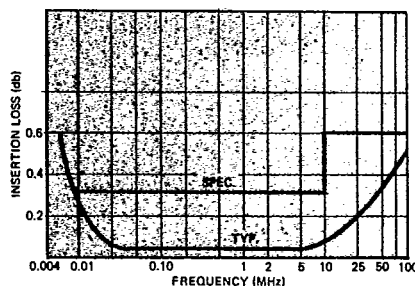
MODELS PSP-210,
PSF-210 - 2 OUTPUT, 200 KHz - 800 MHz



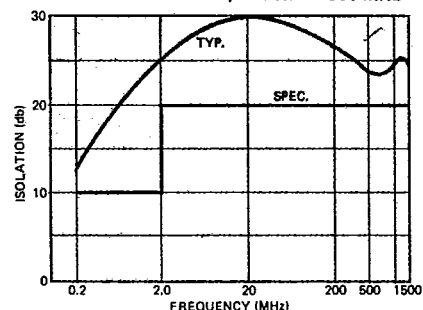
MODEL PSP-211 - 2 OUTPUT, 10 KHz - 100 MHz



MODEL PSP-211 - 2 OUTPUT, 10 KHz - 100 MHz



MODELS PSP-210,
PSF-210 - 2 OUTPUT, 200 KHz - 800 MHz



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