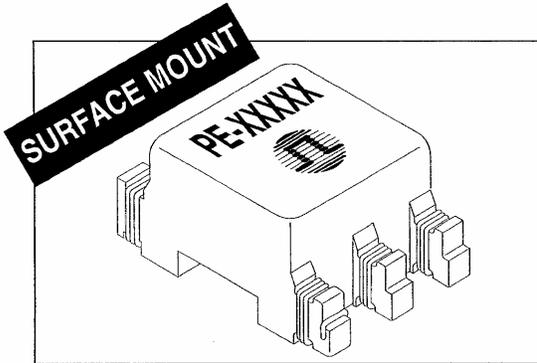




NEW

R.F. TRANSFORMER



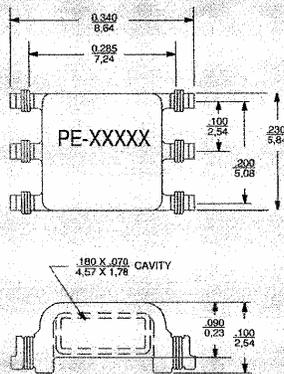
- DESIGNED FOR USE IN 50Ω AND 100Ω WIDEBAND R.F. AND FAST RISE TIME PULSE APPLICATIONS
- TEMPERATURE RANGE:
OPERATING: 0 TO +70° C
STORAGE: -25 TO +105° C
- CHARACTERIZED FOR PULSE AND WIDEBAND USE AT 50Ω IMPEDANCE
- AVAILABLE IN TUBES OR TAPE AND REEL

ELECTRICAL SPECIFICATIONS @ 25° C

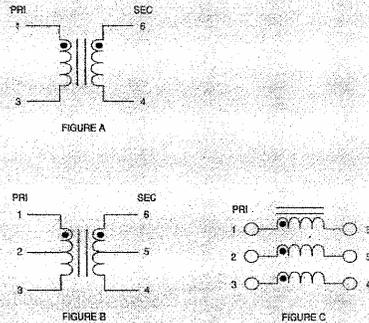
Part Number	Turns Ratio ±5%	Schematic Figure	Primary Inductance ⁽¹⁾		Rise ⁽²⁾ Time (MAX) μs	Leakage Inductance (MAX) μH	C _w (MAX) pf	DCR (MAX) Ohms		Bandwidth for -3dB Loss		ET Product V-μs (MIN)
			μH (MIN)	Pulse Width μs for 50% Droop				N1	N2	Low Freq. MHz	High Freq. MHz	
65456	1:1	A	80	2.20	2.20	0.15	12	0.20	0.20	0.05	110	2.5
65457	1ct:1ct	B	80	2.20	3.00	0.18	15	0.20	0.20	0.05	90	2.5
65458	1:1:1	C	40	1.10	2.00	0.10	12	0.16	0.16	0.10	150	2.0
65459	1ct:2ct	B	40	1.10	3.00	0.14	15	0.20	0.30	0.10	110	2.0
65460	1ct:√2ct	B	80	2.20	3.00	0.20	18	0.20	0.30	0.05	80	2.5

Note: (1) Pulse width at which 50% droop occurs and the inductance needed to maintain -3dB low frequency loss.
(2) Rise time corresponds to -3dB loss at the high frequency rolloff.

MECHANICALS



SCHEMATICS



Performance warranty of products offered on data sheet P921-10 is limited to the parameters specified. Data is subject to change without notice.
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