

# SMD RF Transformers

6 Pin SMD Package



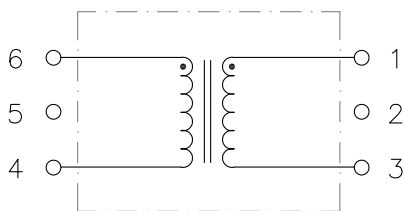
## Product Features:

- SMD series of wideband RF transformers with operating bandwidth from 0.04 to 500MHz.
- Operating Temp -40 to +85°C
- .25 watts RF Power
- 30mA max. DC current
- 1500Vrms Isolation
- UL60950 and EN60950 approved.

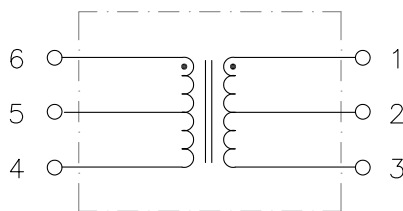
Part Number	$\Omega$ Ratio PRI:SEC	Turns Ratio PRI:SEC $\pm 3\%$	-3dB	Insertion Loss(MHZ) -2dB	-1dB	Circuit
TG01-RF10NS8LF	1:1	1:1	0.15-400	0.2-200	0.3-100	A
TG04-RF01NS8LF	1:1	1CT:1CT	0.004-300	0.02-200	0.1-100	B
TGSP-RF12NS8LF	1:1.5	1:1.224	0.1-300	0.2-150	0.5-80	A
TGSP-RF02NS8LF	1:1.5	1CT:1.224CT	0.075-500	0.2-100	1-50	B
TGSP-RF04NS8LF	1:3	1CT:1.732CT	0.05 - 200	0.2-50	1-30	B
TG07-RF18NS8LF	1:4	1:2CT	0.2 - 350	0.4-300	0.5-200	C
TG08-RF05NS8LF	1:4	1CT:2CT	0.1 - 300	0.2-250	0.3-180	B
TGSP-RF19NS8LF	1:9	1:3	0.15-200	0.3-150	2-40	A
TGSP-RF06NS8LF	1:16	1CT:4CT	0.1 - 45	0.14-35	1-20	B

Note: Primary pins are 4-6

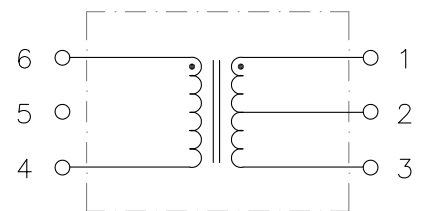
Circuit A



Circuit B

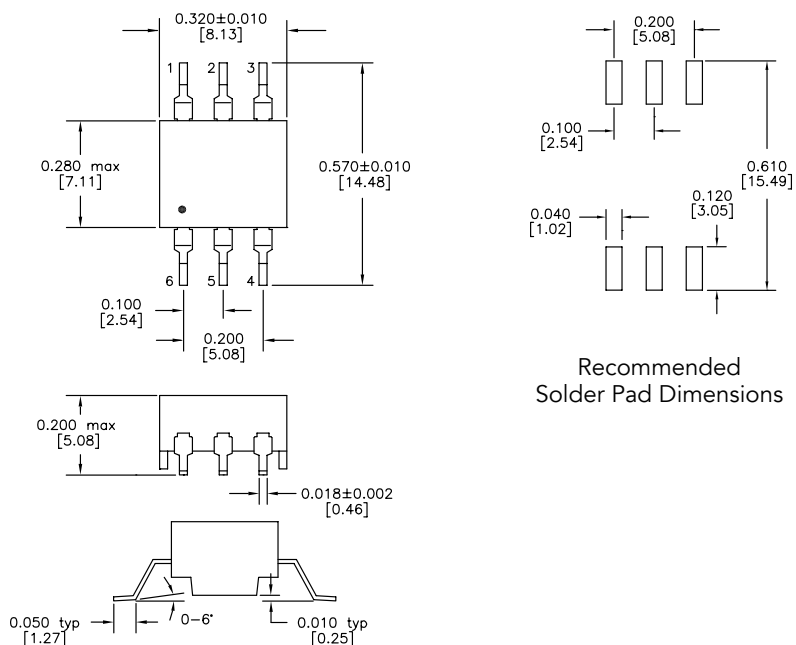


Circuit C



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## Package NS8



Dimensions: inches [mm]  
Co-Planarity: 0.004 [0.10]

### US Patent Numbers

5,656,985      6,297,721 B1  
6,297,720 B1    6,320,489 B1  
6,344,785 B1    6,662,431 B1



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HALO® Electronics is a leading supplier of high quality communication magnetics including signal transformers, filters, CMR chokes, PoE power transformers, DC/DC converters, and integrated Ethernet connectors. HALO's leading edge technology solutions are manufactured in ISO9001 and ISO14001 factories offering high quality products at a competitive price.