

# High-Frequency SMT Balun Adaptor

Ruggedized



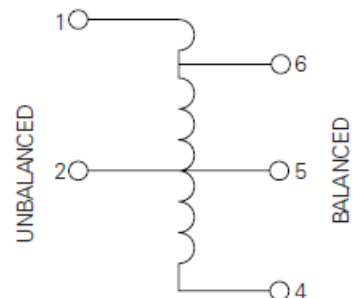
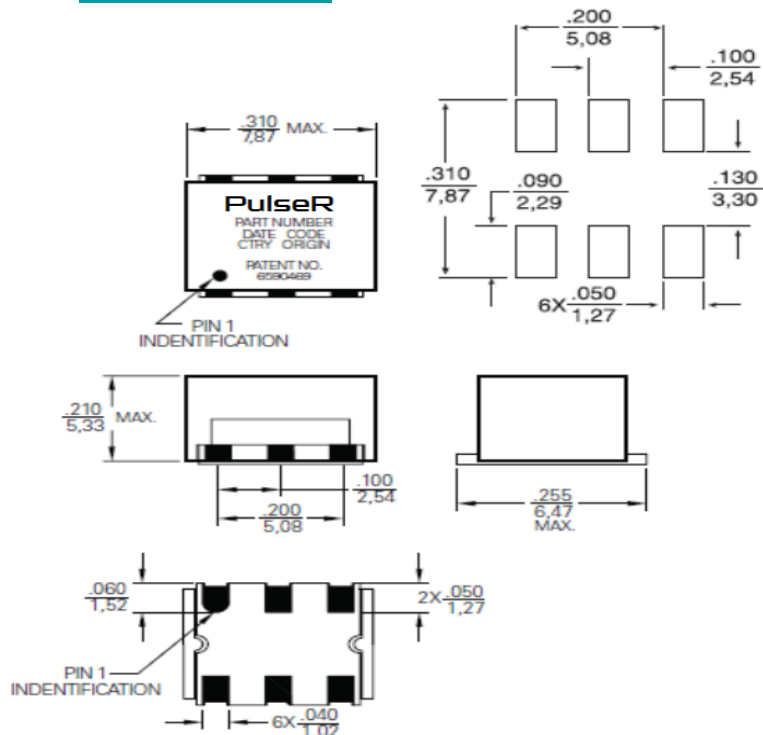
- R** Transforms a balanced differential signal to a 50 Ω or 75 Ω, Grounded unbalanced signal
- R** Wide bandwidth 1.0 MHz – 1.485 GHz
- R** Operating Temperature -40°C to 85°C.
- R** Moisture Sensitivity Level: 3

Characteristics				
Part Number	Impedance Unbalanced	Impedance Balanced	Insertion Loss (dB MAX) 1.0 MHz - 1.485 GHz	Return Loss (dB MIN) 1.0 MHz - 1.485 GHz
T-050150	50	150	-2	12 dB
T-050100	50	100	-2	12 dB
T-050078	50	78	-2	12 dB
T-075100	75	100	-2	12 dB

## Mechanical

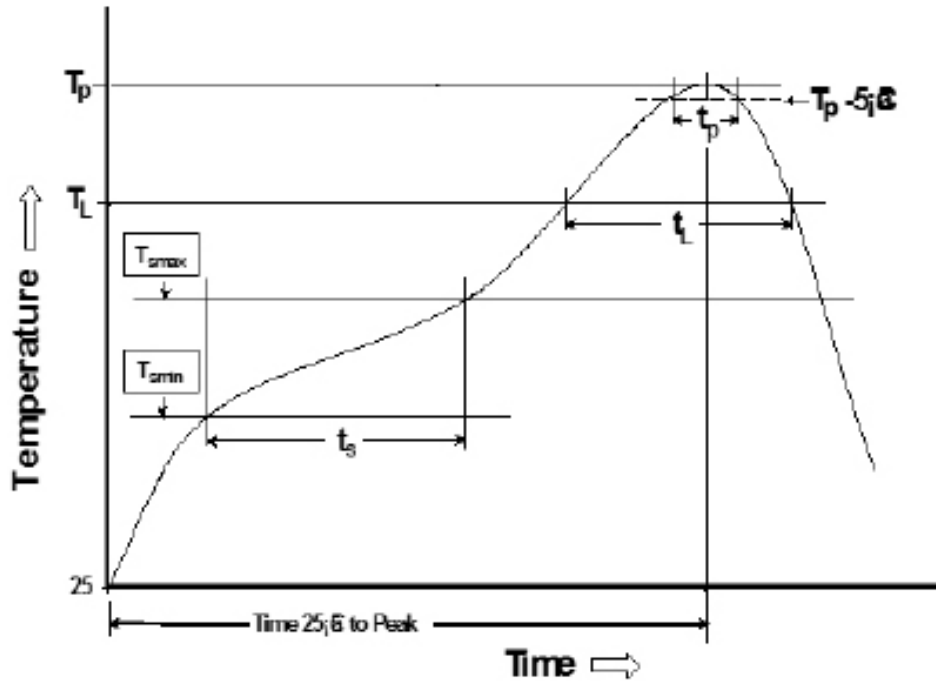
## Schematic

T-050XXX



- Notes:**
- Weight..... 0.8gm
  - Pan/Tube Size= 65

Tin/Lead Recommended Reflow Profile (Based on J-STD-020D)



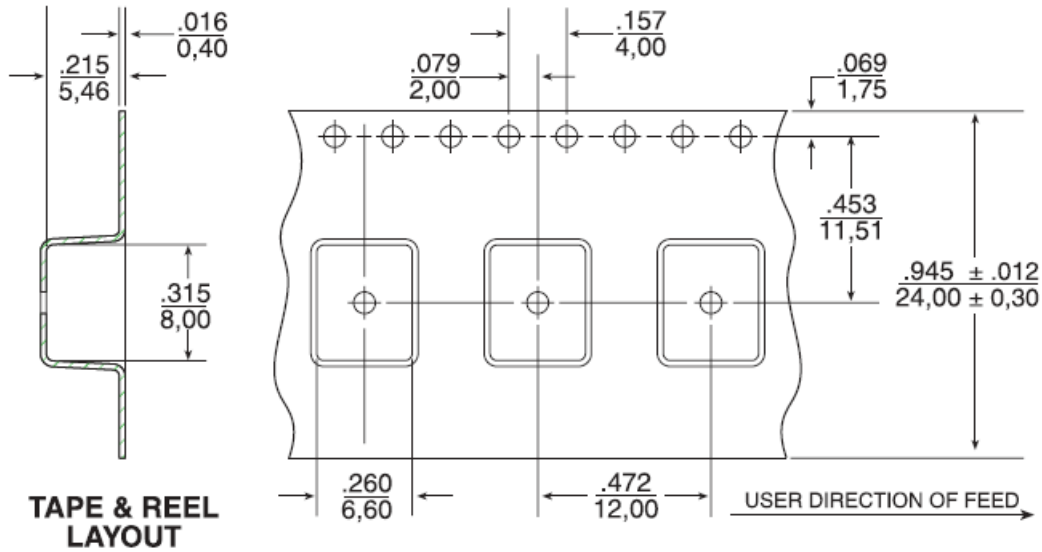
$T_{SMIN}$ (°C)	$T_{SMAX}$ (°C)	$T_L$ (°C)	$T_P$ (°C MAX)	$t_s$ (s)	$t_L$ (s)	$t_p$ (s MAX)	Ramp-up rate ( $T_L$ to $T_P$ )	Ramp-down rate ( $T_P$ to $T_L$ )	Time 25°C to peak temperature (s MAX)
100	150	183	235	60-120	60-150	20	3°C/s MAX	6°C/s MAX	360

Notes:

1. All temperatures measured on the package leads.
2. Maximum times of reflow cycle: 2.

## Tape & Reel Specifications

T-050XXX1



### For More Information

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