PCA ELECTRONICS INC.

Wideband RF Transformer

EPA3877G & EPA3877G-LF



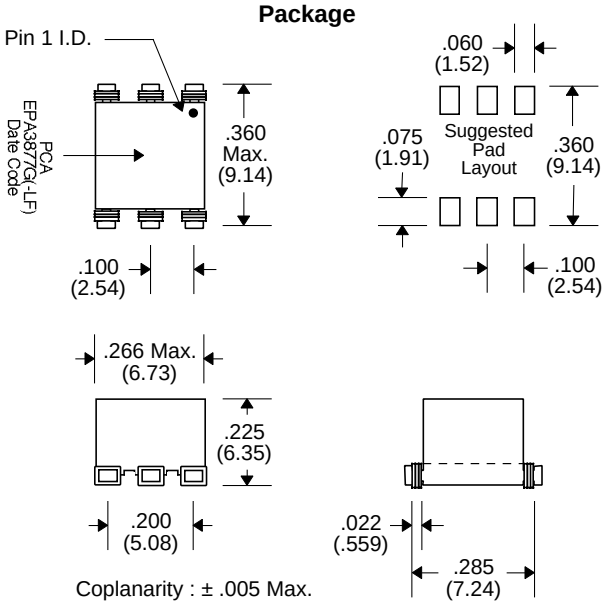
- Miniature Surface Mount Package
- 300 KHz to 300 MHz Frequency Range
- Add “-LF” after part number for Lead-Free
- 500 Vrms Isolation

Electrical Parameters @ 25° C

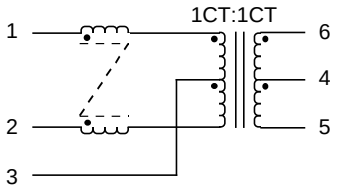
Primary Inductance (µH Typ.)	**Insertion Loss** 1 (dB Max.)					**CMRR** (dB Typ.)			
@ 100 KHz, 1 Vrms	@ 300 KHz	@ 400 KHz	500 KHz- 90 MHz	@ 200 MHz	@ 300 MHz	300 KHz- 10 MHz	20 MHz- 60 MHz	80 MHz- 150 MHz	200MHz- 300 MHz
40	-3	-2	-1	-2	-3	-45	-40	-30	-25

• **Note 1 :** Referenced to Mid-band Frequency • **Impedance :** 75 Ω •

Package



Schematic



Notes :	**EPA3877G**	**EPA3877G-LF**
1. Assembly Process (Assembly Solder)	SnPb	Hot Tin Dip (Sn)
2. Peak Solder Rating (per IPC/JEDEC-J-STD-020C)	225°C (+0/-5°C)	250°C (+0°C)
3. Moisture Sensitive Levels (MSL) (per IPC/JEDEC-J-STD-020C)	1 (Unlimited, ≤30°C/60%RH)	1 (Unlimited, ≤30°C/60%RH)
4. Weight	0.3 grams	0.3 grams
5. Packaging Information (Tube)	80 pieces/tube	80 pieces/tube
(*Add “TR” to end of part number when placing order) (Tape & Reel)	650 pieces/13” reel (*EPA3877G-TR)	650 pieces/13” reel (*EPA3877GTR-LF)

Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25

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Product performance is limited to specified parameters. Data is subject to change without prior notice.

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