

**Electrical Parameters @ 25°C**

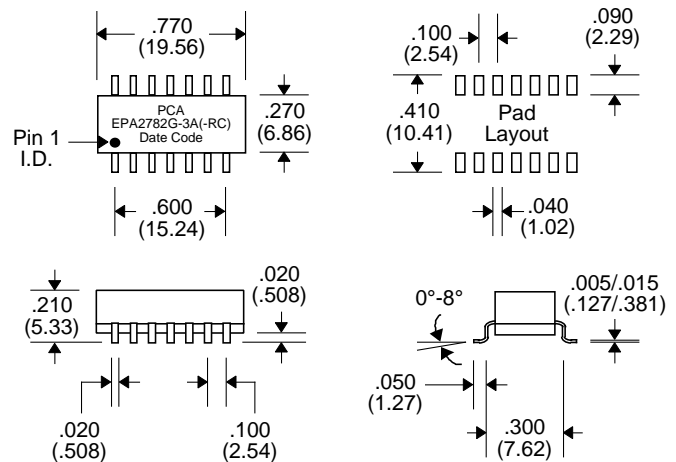
Impedance ( ± 10%)	Tap Delay (nS ± 0.4 nS)	Total Delay (nS ± 1.0 nS)	TR Output (ns Max.)	Attenuation (dB Max)
500	1.0	10	3.5	1.0

Recommended Operating Conditions		Min.	Max.	Unit
PW*	Pulse Width of Total Delay	200	---	%
D*	Duty Cycle	---	40	%
T <sub>A</sub>	Operating Free Air Temperature	0	+70	C°

DC Electrical Characteristics		Min.	Max.	Unit
Distortion		---	± 10	%
Temperature Coefficient of Delay		---	100	PPM/°C
Insulation Resistance @ 100 Vdc		1000	---	Meg
Dielectric Strength		---	100	Vdc

Input Pulse Test Conditions @ 25° C		Unit	
V <sub>IN</sub>	Pulse Input Voltage	1.2	Volts
PW	Pulse Width	30	nS
TR <sub>I</sub>	Pulse Rise Time (10-90%)	2.0	nS
PRR	Pulse Repetition Rate	100	KHz

**Package**



Notes :	EPA2782G	EPA2782G-RC
1. Lead Finish	SnPb	Hot Tin Dip (Sn) †
2. Peak Temperature Rating	225°C	245°C
3. Moisture Sensitive Levels	MSL = 3 (168 Hours, 30°C/60%RH)	MSL = 4 (72 Hours, 30°C/60%RH)
4. Weight	TBD grams	TBD grams
5. Packaging Information (*Add "TR" to end of part number, but in front of "-RC" when placing order)	(Tube)	TBD pieces/tube
	(Tape & Reel)	TBD pieces/13" reel (*EPA2782GTR)
		TBD pieces/13" reel (*EPA2782GTR-RC)

† Lead Material : Matte Tin with Ni Barrier

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