

EPR1076S to EPR1089S & EPR1076S-RC to EPR1089S-RC

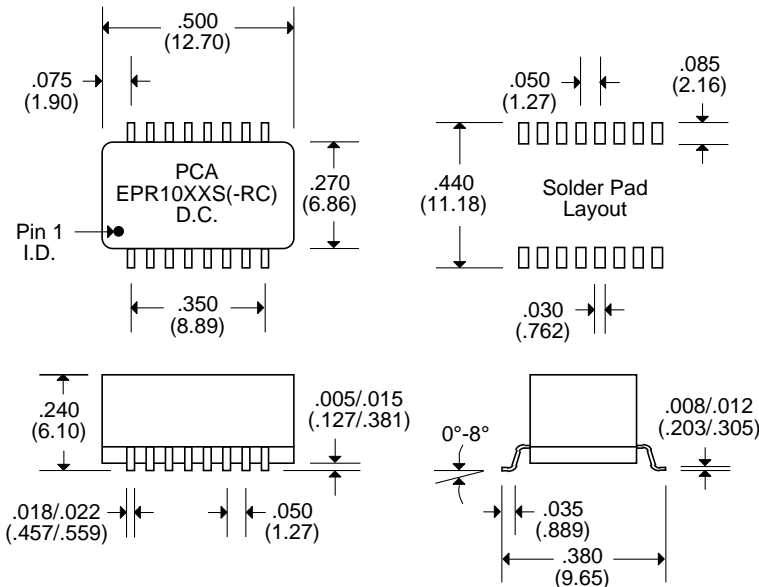


- Optimized for Leading Transceiver I.C.'s
- Meets or exceeds UL1459, UL1950 & EN60950 Standards
- Dual Surface Mount in a Small (SOIC) Package
- 1500 Vrms Isolation

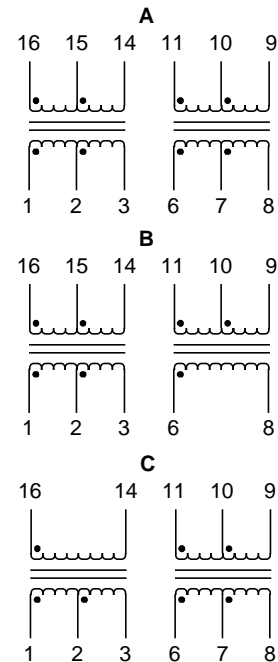
Electrical Parameters @ 25°C

Part Number	Turns Ratio (Pri.:Sec. ± 5%)	OCL (mH Min.)	Cw/w (pF Max.)	LI (μH Max.)	Pri. DCR (Max.)	Sec. DCR (Max.)	Primary Pins	Schematic
EPR1076S(-RC)	1CT:1CT/1CT:1.36CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	1.0 / 1.0	1,3 / 6,8	A
EPR1077S(-RC)	1CT1CT/1CT:1.5CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	0.7 / 1.0	16,14 / 6,8	A
EPR1078S(-RC)	1CT:2CT/1CT:2CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	1.4 / 1.4	16,14 / 6,8	A
EPR1079S(-RC)	1CT:2CT/1:1.36CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	1.0 / 0.8	16,14 / 6,8	B
EPR1080S(-RC)	1:1.15CT/1CT:2CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	0.7 / 1.0	16,14 / 6,8	C
EPR1081S(-RC)	1CT:1.15CT/1CT:1.15CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	0.8 / 0.8	1,3 / 6,8	A
EPR1082S(-RC)	1CT:1CT/1CT:2CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	0.7 / 1.0	16,14 / 6,8	A
EPR1083S(-RC)	1CT:1.41CT/1CT:1.41CT	1.0 / 1.0	30 / 30	0.6 / 0.6	0.7 / 0.7	0.9 / 0.9	1,3 / 11,9	A
EPR1084S(-RC)	1CT:1.5CT/1CT:1.5CT	1.5 / 1.5	40 / 40	0.8 / 0.8	0.7 / 0.7	0.9 / 0.9	1,3 / 6,8	A
EPR1085S(-RC)	1CT:2CT/1CT:2.3CT	1.2 / 1.2	30 / 30	0.8 / 0.8	0.9 / 0.9	1.3 / 1.3	6,8, / 14,16	A
EPR1086S(-RC)	2CT:1/1.26/2CT:1/1.26	1.5 / 1.5	40 / 40	0.5 / 0.5	0.7 / 0.7	1.0 / 1.0	1,3 / 6,8	A
EPR1089S(-RC)	1CT:1.36CT/1CT:1CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	1.0 / 1.0	1,3 / 6,8	A

Package



Schematics



Notes :	EPR10XXS	EPR10XX-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	1.2 grams	1.2 grams
5. Packaging Information (*Add "TR" to end of part number, but in front of "-RC" when placing order)	(Tube)	39 pieces/tube
	(Tape & Reel)	750 pieces/13" reel (*EPR10XXSTR)
		39 pieces/tube 750 pieces/13" reel (*EPR10XXTR-RC)

† Lead Material : Matte Tin with Ni Barrier

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