

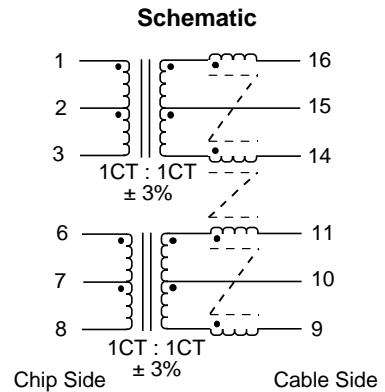
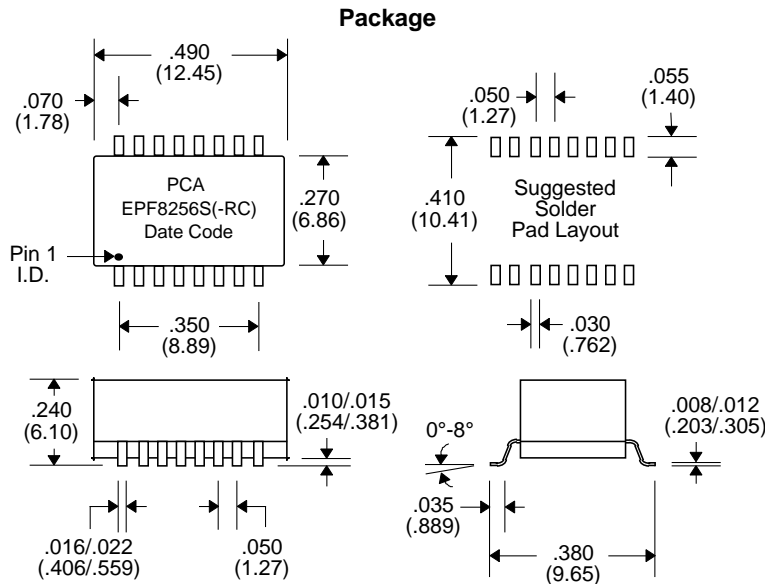
## EPF8256S & EPF8256S-RC

- Robust construction allows for toughest soldering processes
- Guaranteed to operate with 8 mA DC bias at 70°C on Cable Side
- Complies with or exceeds IEEE 802.3af, 10/100Base-TX Standards
- Add “-RC” after part number for RoHS Compliant
- Operating Temperature : 0°C to +70°C
- 350 mA Current Capability
- 1500 Vrms Isolation

### Electrical Parameters @ 25° C

OCL @ 70°C	Insertion Loss (dB Max.)	Return Loss (dB Min.)				Common Mode Rejection (dB Typ.)	Cw/w (pF Typ.) Pri./Sec.	Primary DCR ( Max.)	Crosstalk (dB Typ.)
		0.5-30 MHz	40 MHz	50 MHz	60-80 MHz				
100 KHz, 0.1 Vrms 8 mA DC Bias	0.1-100 MHz	0.5-30 MHz	40 MHz	50 MHz	60-80 MHz	0.1-100 MHz			0.1-100 MHz
350 µH	-1.1	-18	-15.5	-13.6	-12	-38	25	0.9	-38

• Impedance : 100 •



Notes :	EPF8256S	EPF8256S-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	0.95 grams	0.95 grams
5. Packaging Information (Tube)	40 pieces/tube	40 pieces/tube
(*Add "TR" to end of part number, but in front of "-RC" when placing order) (Tape & Reel)	650 pieces/13" reel (*EPF8256STR)	650 pieces/13" reel (*EPF8256STR-RC)

† Hot tin dipped over Matte Tin with Ni Barrier

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