

# 1000Base-T Dual Port Voice Over IP Magnetic Module EPG4025F & EPG4025F-RC



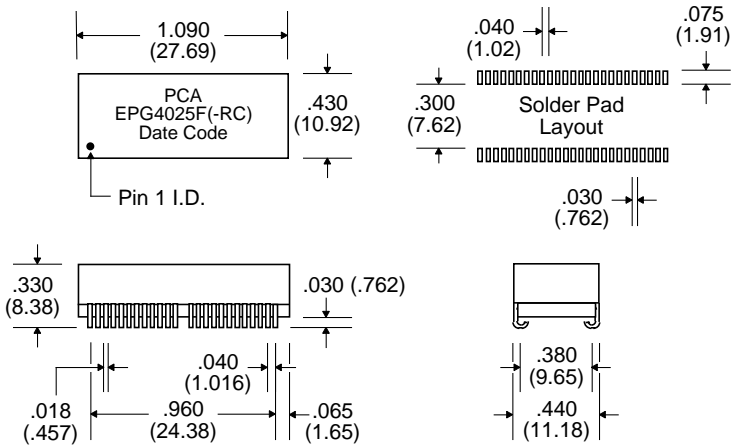
- Designed for PoE Applications
- Dual Port Interface for Gigabit Applications
- SMD Package designed for Reflow Process
- Complies with or exceeds IEEE 802.3, ANSI X3.263 Standards
- Peak Solder Rating (See Note 2)
- RoHS Compliant
- Auto MDIX

### Electrical Parameters @ 25° C

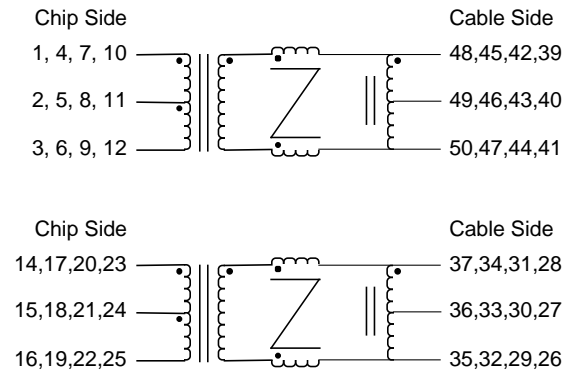
PCA Part Number(s)	OCL (µH Min.)	Insertion Loss (dB Max.)			Return Loss (dB Min.)			CMRR (dB Min.)	
		1-65 MHz	65-100 MHz	100-125 MHz	1-40 MHz	60 MHz	80 MHz		100 MHz
EPG4025F EPG4025F-RC	@ 100 KHz, 0.1 Vrms 8 mA DC Bias								
See Notes Below	350 (Cable Side)	-1	-1.1	-1.5	-18	-15	-12	-12	-30

- Rise Time : 2.5 nSec. Typ.
- Isolation : 1500 Vrms
- DC Current Handling Capability : 400 mA Max.

### Package



### Schematic



Notes :	EPG4025F	EPG4025F-RC
1. Lead Finish	SnPb	Hot Tin Dip (Sn) †
2. Peak Temperature Rating per IPC/JEDEC J-STD-020C	225°C	245°C
3. Moisture Sensitive Levels per IPC/JEDEC J-STD-020C	MSL = 3 (168 Hours, 30°C/60%RH)	MSL = 4 (72 Hours, 30°C/60%RH)
6. Weight	5.5 grams	5.55 grams
5. Packaging Information (*Add "TR" to end of part number, but in front of "-RC" when placing order)	Tube	18 pieces/tube
	Tape & Reel	350 pieces/13" reel (*EPG4025FTR)
		18 pieces/tube 350 pieces/13" reel (*EPG4025FTR-RC)

† Lead Material : Matte Tin with Ni Barrier

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