

Designed to Support 1:1 Turns Ratio Transceivers

- ◆ Compliant with IEEE 802.3u and ANSI X3.263 standards including 350 uH OCL with 8 mA DC Bias
- ◆ Symmetrical TX and RX channels for Auto MDI/MDIX capability
- ◆ RoHS-6 peak reflow temperature rating 260 °C
- ◆ Designed to meet IEEE 802.30 requirement.
- ◆ Remark: Contact PPT for further requirements



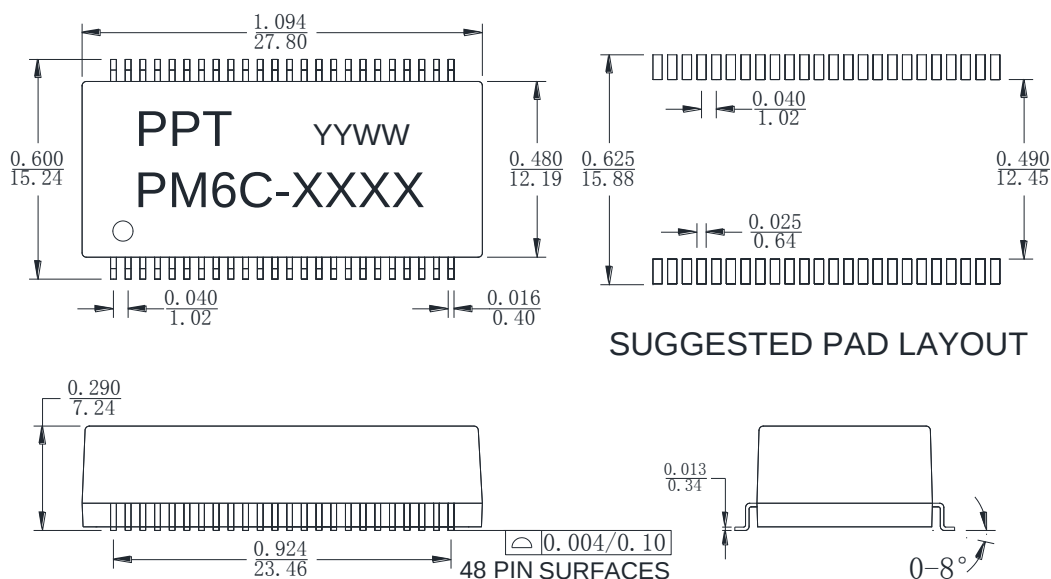
Electrical specifications@25°C -operating temperature: 0°C to 70°C

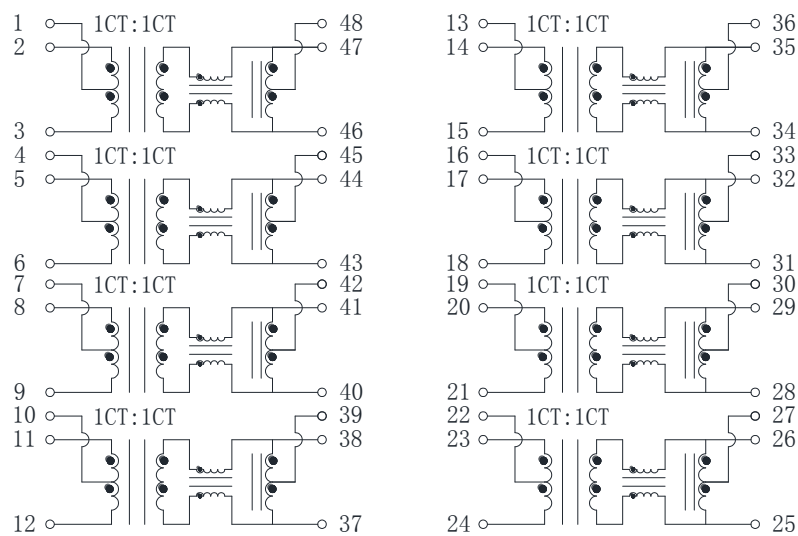
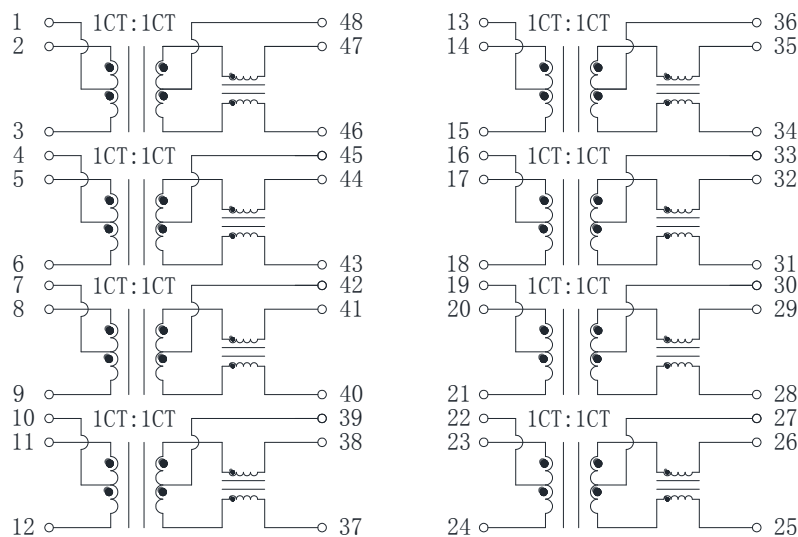
Part Number	Turns Ratio (±5%)	OCL (μH Min.)	Leakage Inductance (μH Max.)	CWW (PF Max.)	DCR (ΩMax.)	Hi-pot (Vrms)
PM6C-2002F	1CT:1CT	350	0.5	35	1.5	1500
PM6C-2004F	1CT:1CT	350	0.5	25	1.5	1500
PM6C-2005F	1CT:1CT	350	0.5	35	1.5	1500

Part Number	Insertion Loss (dB Max.)	Return Loss (dB Min)				DCMR (dB Min.)	Cross talk (dB Min.)
	1-100MHz	1-30MHz	30-60MHz	60-80MHz		1-100MHz	1-100MHz
PM6C-2002F	-1.4	-16	-12	-10		-32	-35
PM6C-2004F	-1.4	-16	-12	-10		-32	-35
PM6C-2005F	-1.4	-18	-14.4	-10		-35	-33

Mechanical

PM6C-2002F; PM6C-2004F

Dimension: $\frac{\text{Inches}}{\text{mm}}$ Unless otherwise specified, all tolerances are: $\pm \frac{0.01}{0.25}$

Schematics**PM6C-2002F****PM6C-2004F****PM6C-2005F**