

100/1000 BASE-T TRANSFORMER MODULES

- ☛ **D**esign For Long Hual Gigabit Ethernet 100/1000 BASE-Tx Full Duplex Applications.
- ☛ **L**ow Profile Surface Mount Packaging Designed Reflow Process (250°C peak).
- ☛ **C**ompliant With IEEE 802ab draft standards for 1000Base-T.
- ☛ **S**upports 4 Pairs Of Category 5 UTP Cable.
- ☛ **F**or RoHS Part Add Suffix G.



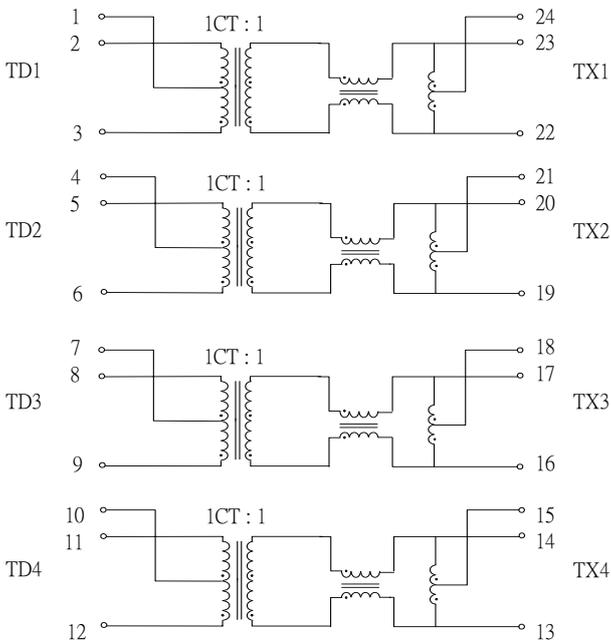
ELECTRICAL SPECIFICATIONS @ 25°C

Part Number	Insertion Loss (dB max)		Return Loss (dB min)				CMRR (dB min)			Crosstalk (dB min)		
	0.3-100MHz	1-30MHz	40MHz	50MHz	60MHz	80MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
G24101SI	-1.1	-16	-16	-14.1	-12.5	-10	-43	-37	-33	-35.8	-30.8	-28
G24102SI	-1.1	-16	-16	-14.1	-12.5	-10	-43	-37	-33	-35.8	-30.8	-28
G24103SI	-1.1	-16	-16	-14.1	-12.5	-10	-43	-37	-33	-35.8	-30.8	-28
G24104SI*	-1.1	-16	-16	-14.1	-12.5	-10	-43	-37	-33	-35.8	-30.8	-28

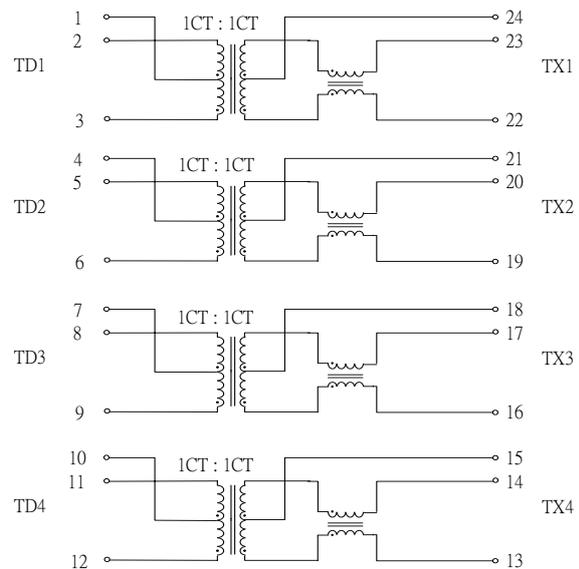
Note : All models meet Isolation Voltage (HiPot) of 1500Vrms
 * with Extended Temperature(-40°C to +85°C)

SCHEMATICS

G24101SI



G24102SI



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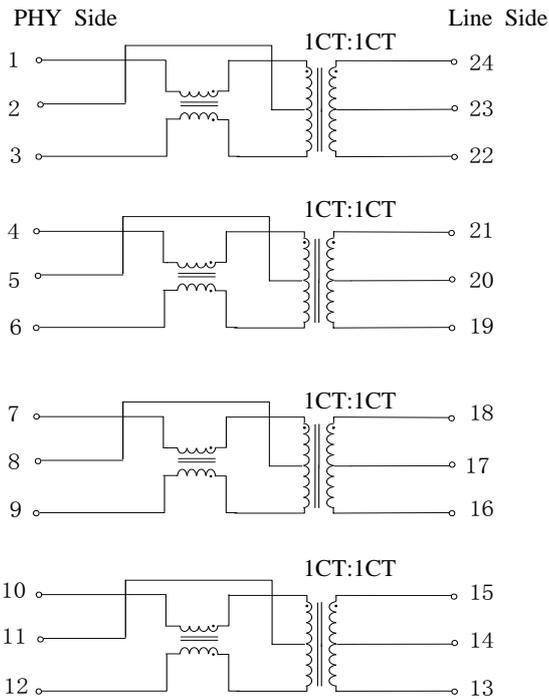
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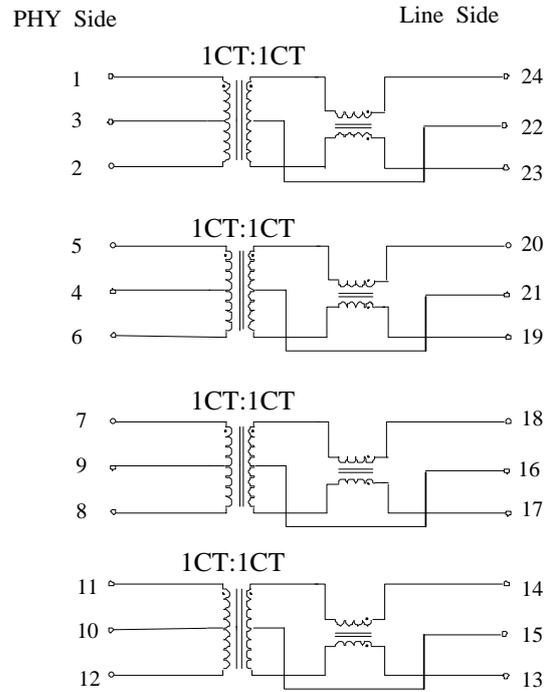
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SCHEMATICS

G24103SI

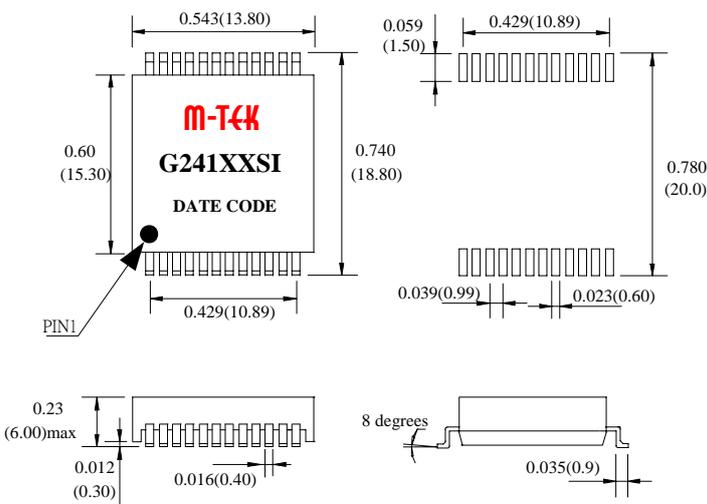


G24104SI

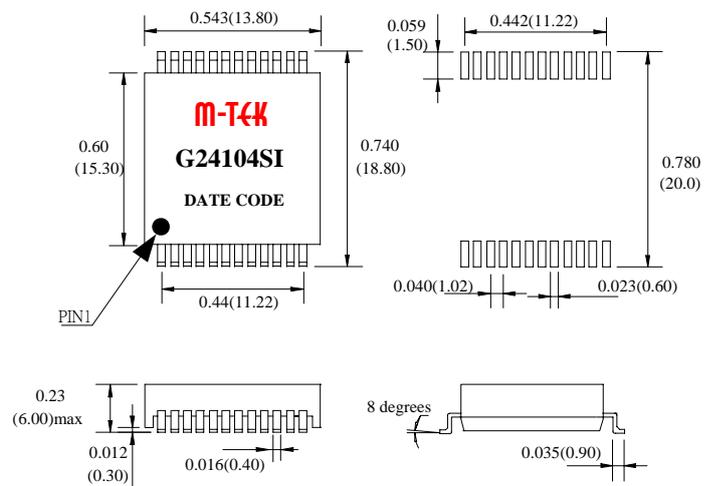


MECHANICAL SPECIFICATIONS

G241XXSI



G24104SI



DIMENSIONS : INCHES(mm) UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ± 0.010(0.25)

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