

# 100/1000 BASE-TX VOIP MAGNETICS MODULES



- ☞ IEEE802.3af/ANSI X3.263 compliant performance
- ☞ Low Profile Surface Mount Packaging Designed Reflow Process ( 250°C peak ).
- ☞ 350 mA current capability
- ☞ Designed for IP phone or switch applications
- ☞ Power over Ethernet( PoE) Magnetics.
- ☞ For RoHS Part Add Suffix G.

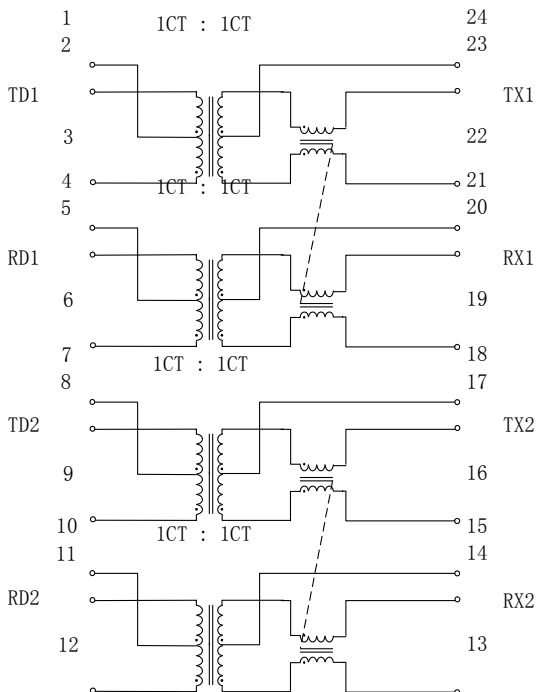
## ELECTRICAL SPECIFICATIONS @ 25°C

Part Number	Insertion Loss (dB max)		Return Loss (dB min)			CMRR (dB min)			Crosstalk (dB min)	
	0.3-100MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	0.3-30MHz	60MHz	80-100MHz	0.3-30MHz	60-100MHz
G24103MK	-1.1	-18	-14.4	-13.1	-12	-40	-35	-30	-35	-32
G24105MK*	-1.1	-18	-14.4	-13.1	-12	-40	-35	-30	-35	-32

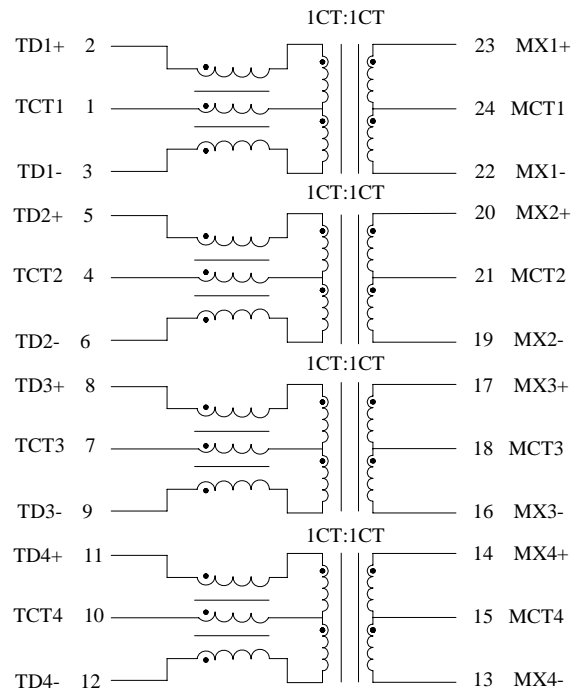
**Note :** \* with Extended Temperature(-40°C to +85°C)

## SCHEMATICS

### G24103MK



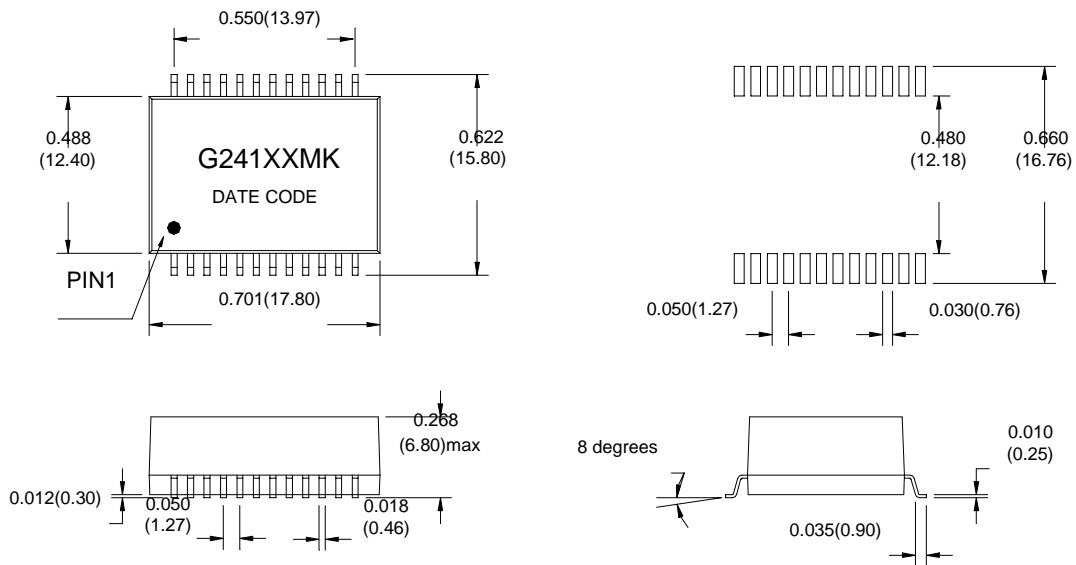
### G24105MK



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## MECHANICAL SPECIFICATIONS

### G241XXMK



DIMENSIONS : INCHES/(mm) UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 0.010(0.25)$ .