

## 100/1000 BASE-TX VOIP MAGNETICS MODULES

- ☞ IEEE 802.3af/ANSI X3.263 Compliant Performance Applications.
- ☞ Suitable For End-span and Mid-span PoE Applications.
- ☞ Dual Port Transformer Modules Designed For IP Phone or Switch Applications.
- ☞ Power over Ethernet( PoE) Magnetics.
- ☞ For RoHS Part Add Suffix G.



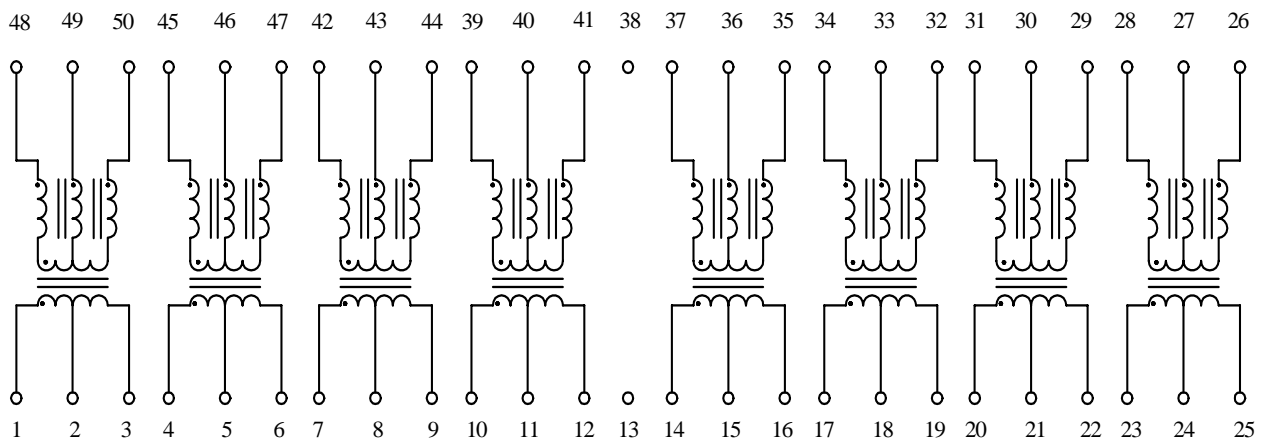
### ELECTRICAL SPECIFICATIONS @ 25°C(Operating Temperature: 0°C to 70°C)

Part	Insertion (dB max)		Return Loss (dB max)			CMRR (dB typ)	Crosstalk (dB min)		
	1-100MHz	1-40MHz	60MHz	80MHz	100MHz	1-100MHz	30MHz	60MHz	100MHz
G50201SN	-1.1	-18	-14	-12	-10	-40	-40	-35	-30
G50202SN	-1.1	-18	-14	-12	-10	-40	-40	-35	-30
G50203SN	-1.1	-18	-14	-12	-10	-40	-40	-35	-30
G50204SN	-1.1	-18	-14	-12	-10	-40	-40	-35	-28
G50205SN	-1.1	-18	-14	-12	-10	-40	-40	-35	-28
G50206SN	-1.1	-18	-14	-12	-10	-40	-40	-35	-28

Note: G50204SN Compliant 720mA Current Capability  
 G50205SN Compliant 530mA Current Capability  
 G50206SN Compliant 600mA Current Capability

### SCHEMATICS

#### G50201SN



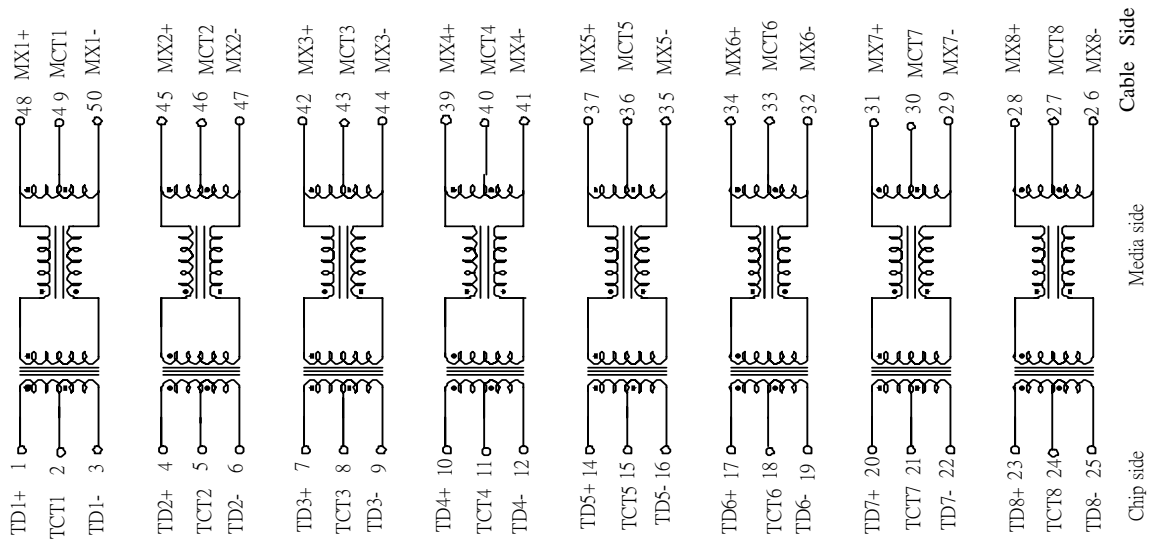
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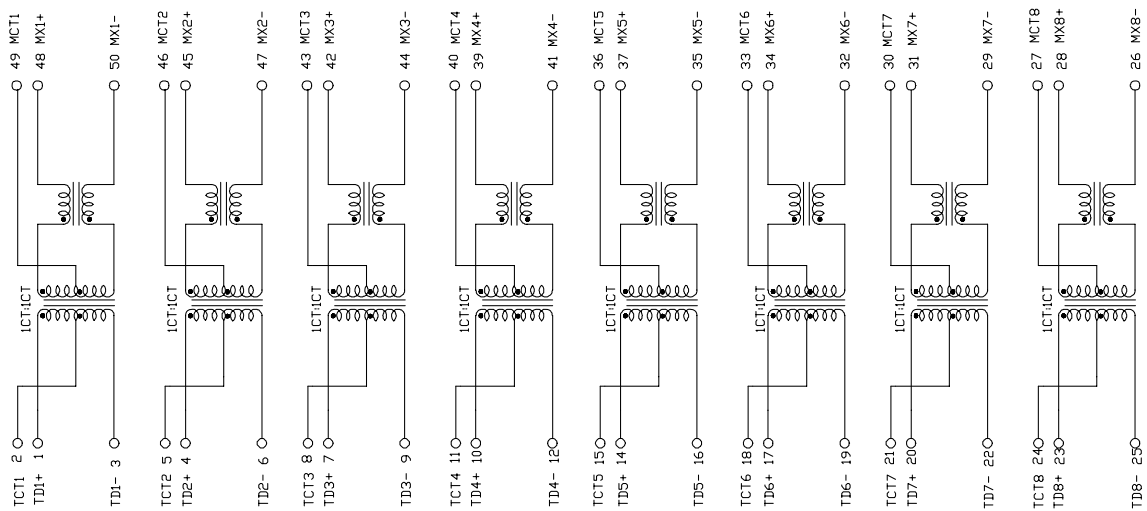
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### G50202SN



### G50203SN, G50205SN, G50206SN



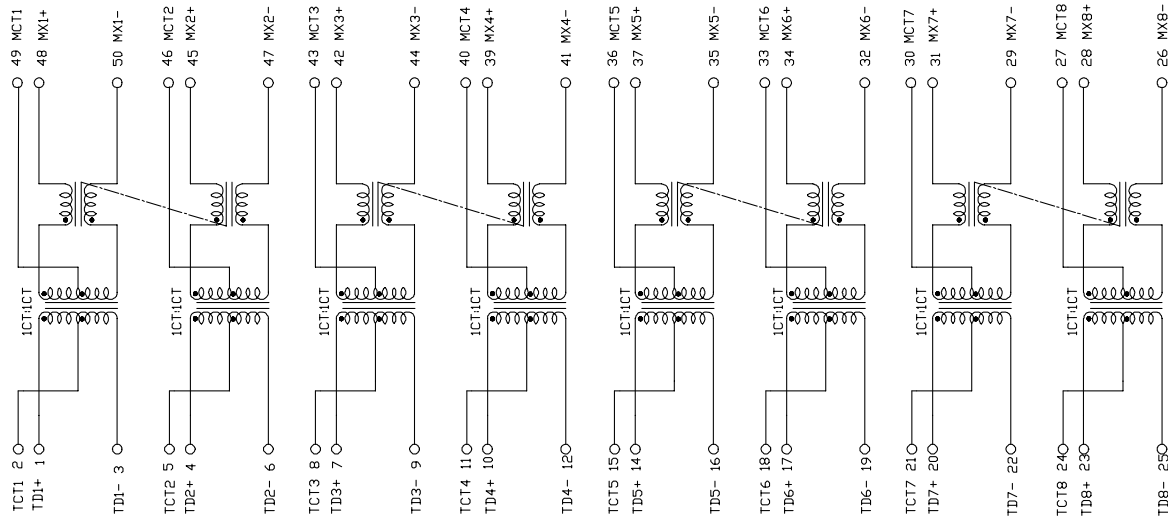
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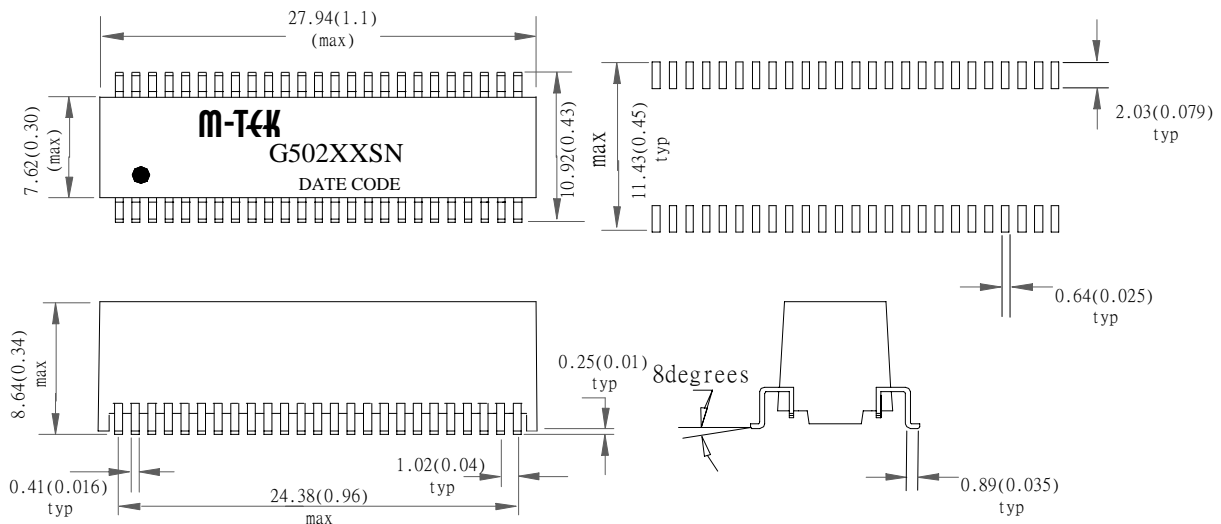
## 100/1000 BASE-TX VOIP MAGNETICS MODULES

### G50204SN



### MECHANICAL SPECIFICATIONS

#### G50201SN~G50206SN



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

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