

100/1000 BASE-T TRANSFORMER MODULES

- IEEE 802.3af/ANSI X3.263 Compliant Performance Applications.
- Suitable For End-span and Mid-span PoE Applications.
- 500mA Current Capability.
- Dual Port Transformer Modules Designed For IP Phone or Switch Applications.
- Power over Ethernet(PoE) Magnetics.
- For RoHS Part Add Suffix G.

RoHS
Compliant



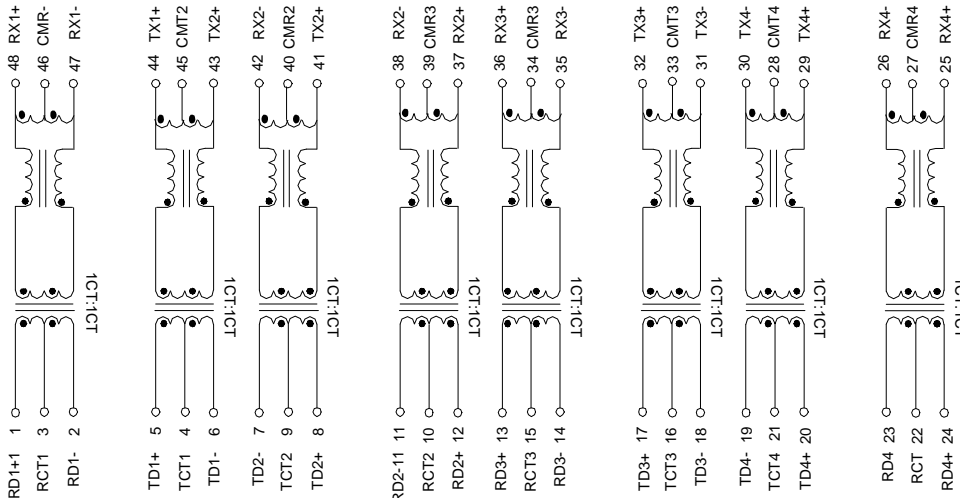
ELECTRICAL SPECIFICATIONS @ 25°C

Part Number	Insertion Loss (dB max)		Return Loss (dB min)			Differential to Common Mode Rejection (dB typ)			Crosstalk (dB min)	
	0.3-100MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz	100MHz	60MHz	100MHz
KSW-H48501SN	-1.2	-16	-14	-13	-12	-43	-37	-33	-33	-28

Note : All models meet Isolation Voltage (HiPot) of 1500Vrms

SCHEMATICS

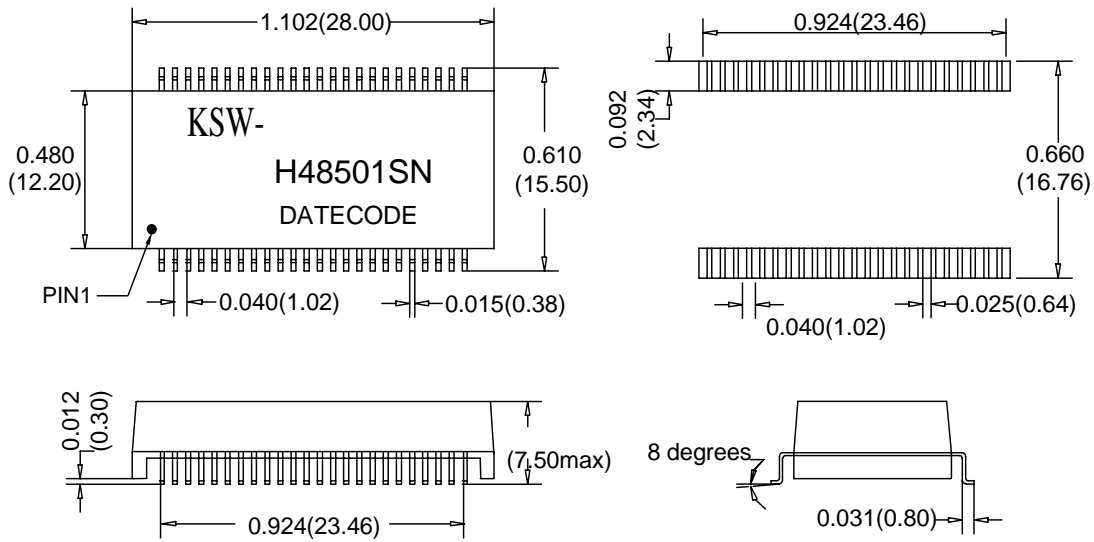
KSW-H48501SN



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MECHANICAL SPECIFICATIONS

KSW-H48501SN



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