

100/1000 BASE-T TRANSFORMER MODULES

Design For Long Hual Gigabit Ethernet 100/1000 BASE-Tx Full Duplex Applications.

Low Profile Surface Mount Packaging Designed Reflow Process (250°C peak).

Compliant With IEEE 802ab draft standards for 1000Base-T.

Supports 4 Pairs Of Category 5 UTP Cable.

For RoHS Part Add Suffix G.



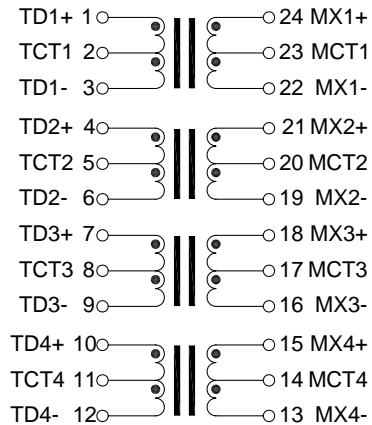
ELECTRICAL SPECIFICATIONS@25°C:

PART NO:	KSW-G30FB-5CNL
Turn Ratio(±2%):	1CT:1CT
Inductance(100KHz/0.1V@8mA):	350uH MIN
Pri LL (100KHz/0.1V):	0.4uH MAX
Cw/w(100KHz/0.1V):	20pF TYP
Cross talk(dB TYP):	- 40dB(0.3-100MHz)
DCR:	0.9Ω MAX
HI-POT:	1500Vrms/0.5mA/2Sec
Operating Temperature:	0°C TO +70°C

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

SCHEMATICS

KSW-G30FB-5CNL



MECHANICAL SPECIFICATIONS

