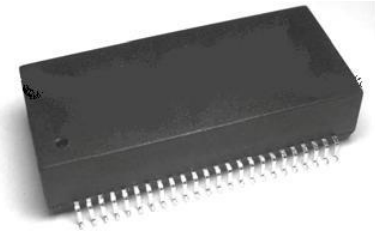


100/1000 BASE-T TRANSFORMER MODULES

- **D**esigned For Ethernet 100/1000 BASE-T Full Duplex Applications.
- **C**ompliant With IEEE 802.3ab Standard For 1000Base-T.
- **C**able Interface For Isolation And Low Common Mode Emissions.
- **S**upports 4 Pairs Of Category 5 UTP Cable.
- **F**or RoHS Part Add Suffix G.



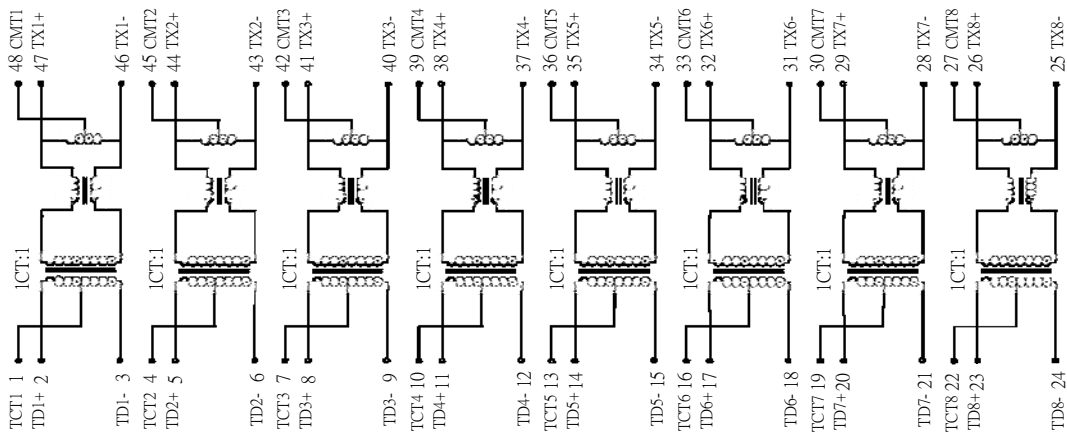
ELECTRICAL SPECIFICATIONS @ 25°C

Number	Loss (dB max)		(dB min)				Mode Rejection (dB typ)			(dB min)		
	0.3-100MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
KSW-G48201MN	-1.0	-16	-14.4	-13.1	-12	-10	-45	-40	-35	-40	-35	-33
KSW-G48202MN	-1.0	-16	-14.4	-13.1	-12	-10	-45	-40	-35	-40	-35	-33
KSW-G48203MN	-1.0	-16	-14.4	-13.1	-12	-10	-45	-40	-35	-40	-35	-33
KSW-G48204MN	-1.0	-16	-14.4	-13.1	-12	-10	-45	-40	-35	-40	-35	-28
KSWG48205MN	-1.4	-18	-18	-16	-12	-10	-43	-37	-33	-43	-37	-33
KSW-G48206MN	-1.4	-18	-18	-16	-12	-10	-43	-37	-33	-43	-37	-33

Note : All models meet Isolation Voltage (HiPot) of 1500Vrms
 G48203MN G48204MN Operating Temperature : -40°C ~+85°C

SCHEMATICS

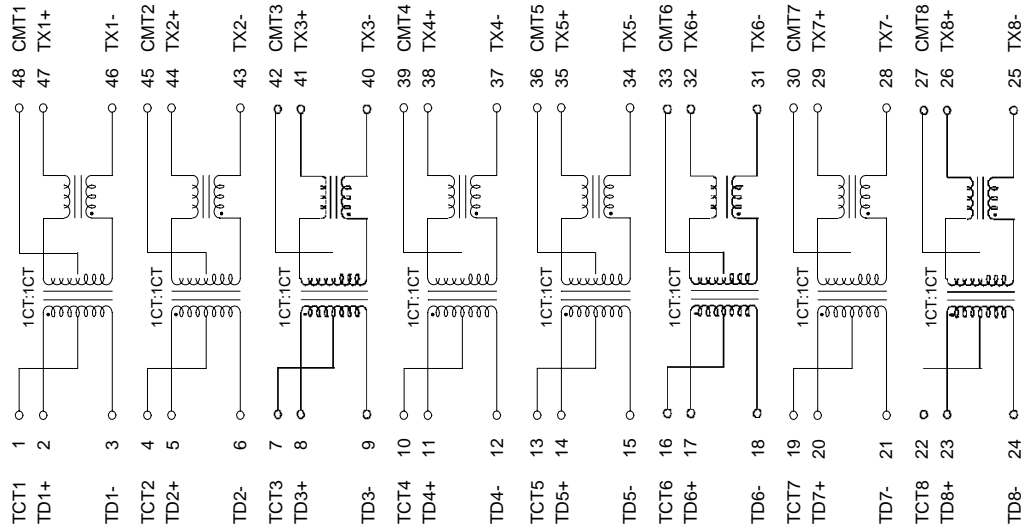
KSW-G48201MN



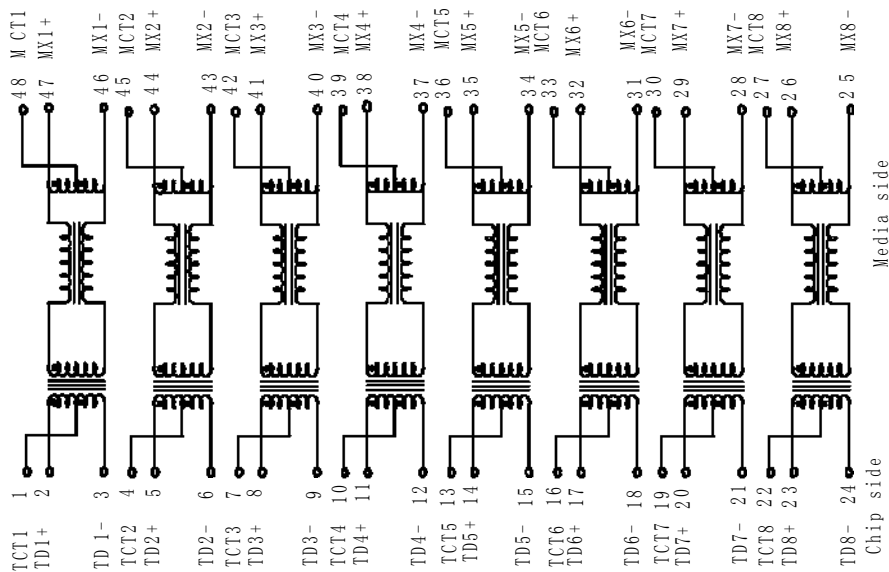
100/1000 BASE-T TRANSFORMER MODULES

SCHEMATICS (Continued)

KSW-G48202MN KSW-G48203MN



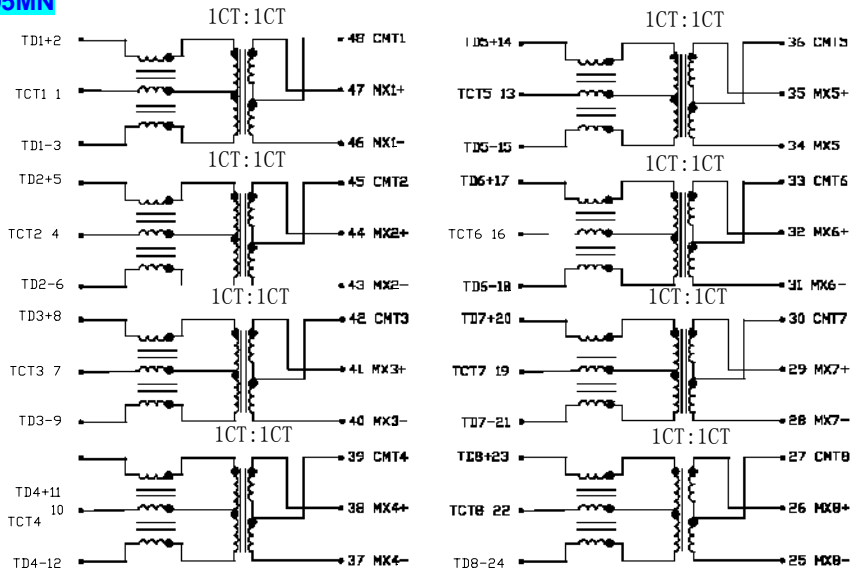
KSW-G48204MN



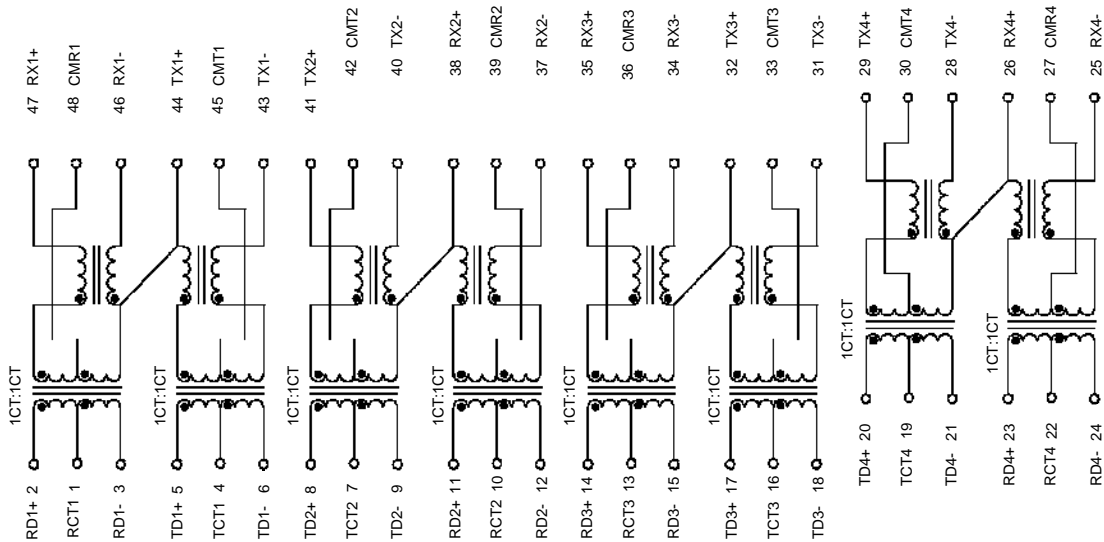
100/1000 BASE-T TRANSFORMER MODULES

SCHEMATICS (Continued)

KSW- G48205MN



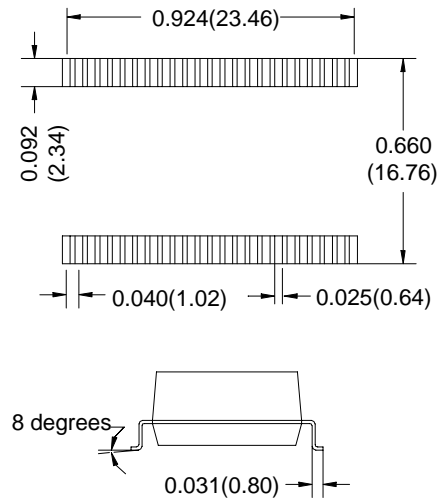
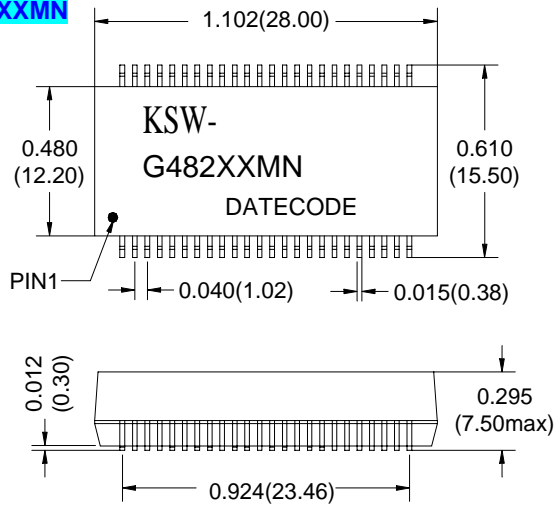
KSW- G48206MN



100/1000 BASE-T TRANSFORMER MODULES

MECHANICAL SPECIFICATIONS

**KSW-
G482XXMN**



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