

FEATURES

- Eight Transformers In A Surface Mount Package
- Includes IC Side Protection Circuit on each channel to suppress low voltage transients
- Compatible with PMC-Sierra's Comet chip (PM4354)
- Models Matched To Leading Quad And Dual T1/E1/Cept/Isdn-Pri Transceivers.
- Isolation Voltage:1500Vrms.
- Recognized By UL 1950.

TEST CONDITIONS

- OCL -- 100KHZ/100mV
- LL-- 100KHZ/100mV
- Cww -- 100KHZ/100mV

ELECTRICAL SPECIFICATIONS @25°C

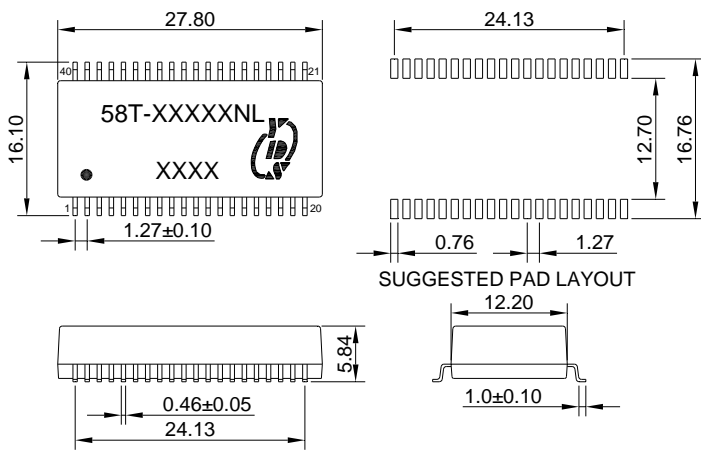


Part Number		Turns Ratio (Pri:Sec±2%)		OCL @ 25°C (mH MIN)		LL (uH MAX)		Cww (pF MAX)		Package Schematic	Primary Pins	
STD Temp.	EXT Temp.	Transmit	Receive	Transmit	Receive	Transmit	Receive	Transmit	Receive		Transmit	Receive
58T(B)-1221A	58T(B)-1221AC	1:1.36	1:1.36CT	1.2	1.2	0.6	0.6	35	35	A	1-2,6-7,11-12,16-17	38-36,33-31,28-26,23-21
58T(B)-1222A	58T(B)-1222AC	1:1.14	1:1.14CT	1.2	1.2	0.6	0.6	35	35	A	1-2,6-7,11-12,16-17	38-36,33-31,28-26,23-21
58T(B)-1221C	58T(B)-1221CC	1:2CT	1:2CT	1.2	1.2	0.8	0.8	35	35	C	4-5,9-10,14-15,19-20	24-25,29-30,34-35,39-40
58T(B)-1221D	58T(B)-1221DC	1:2	1:2CT	1.2	1.2	0.6	0.6	35	35	D	1-2,9-10,11-12,19-20	23-25,26-28,33-35,36-38
58T(B)-1222C	58T(B)-1222CC	1:1.36CT	1:2CT	1.2	1.2	0.6	0.6	35	35	C	24-25,29-30,34-35,39-40	4-5,9-10,14-15,19-20
58T(B)-1221B	58T(B)-1221BC	1:2CT	1:1CT	1.2	1.2	0.6	0.6	35	35	B	1-2,6-7,11-12,16-17	21-22,26-27,31-32,36-37
58T(B)-1223C	58T(B)-1223CC	1CT:1.41	1CT:1.41	1.2	1.2	0.6	0.6	35	35	C	1-3,6-8,11-13,16-18	21-23,26-28,31-33,36-38
58T(B)-1223A	58T(B)-1223AC	1:1.15	1:2CT	1.2	1.2	0.6	0.6	35	35	A	1-2,6-7,11-12,16-17	21-23,26-28,31-33,36-38
58T(B)-1222B	58T(B)-1222BC	1:1/1.26	1:2CT	1.2	1.2	0.6	0.6	35	35	B	1-2,6-7,11-12,16-17	21-22,26-27,31-32,36-37
58T(B)-1221E	58T(B)-1221EC	1:1.15	1:1.15	1.2	1.2	0.6	0.6	35	35	E	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20
58T(B)-1222E	58T(B)-1222EC	1:2	1:2	1.2	1.2	0.6	0.6	35	35	E	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20
58T(B)-1225A	58T(B)-1225AC	1:1.08	1.08:1CT	1.2	1.2	0.4	0.5	35	35	A	1-2,6-7,11-12,16-17	38-36,33-31,28-26,23-21
58T(B)-1224C	58T(B)-1224CC	1:2CT	1CT:2	1.2	1.2	0.6	0.6	35	35	C	4-5,9-10,14-15,19-20	1-3,6-8,11-13,16-18
58T(B)-1226A	58T(B)-1226AC	1:1.70	1:1.36CT	1.2	1.2	0.8	0.6	35	35	A	1-2,6-7,11-12,16-17	21-23,26-28,31-33,36-38
58T(B)-1225C	58T(B)-1225CC	1:1.36CT	1:1CT	1.2	1.2	0.6	0.6	35	35	C	24-25,29-30,34-35,39-40	4-5,9-10,14-15,19-20
58T(B)-1022F	58T(B)-1022FC	1:2.4	1:1	1.0	1.0	0.5	0.5	35	35	F	1-2,8-9,11-12,18-19	24-25,27-28,34-35,37-38
58T(B)-1023F	58T(B)-1023FC	1:1.5	1.41:1	1.0	1.0	0.5	0.5	35	35	F	1-2,8-9,11-12,18-19	24-25,27-28,34-35,37-38
58T(B)-1021G	58T(B)-1021GC	1:2/2.4	1:0.79/1	1.0	1.0	1.0	1.0	35	35	G	1-2,9-10,11-12,19-20	37-36,35-34,27-26,25-24
58T(B)-1223E	58T(B)-1223EC	1:2.42	1:2.42	1.2	1.2	0.6	0.6	35	35	E	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20
58T(B)-6013B	58T(B)-6013BC	1:2.1CT	1:2.1CT	1.2	0.6	0.6	0.6	35	35	B	1-2,6-7,11-12,16-17	21-22,26-27,31-32,36-37
58T(B)-6014B	58T(B)-6014BC	1:2.45CT	1:2.45C	1.2	0.6	0.6	0.6	35	35	B	1-2,6-7,11-12,16-17	21-22,26-27,31-32,36-37
-	58T(B)-1222FC	1:2	1:2	1.2	1.2	0.7	0.7	35	35	F	1-2,6-7,11-12,16-17	3-4,8-9,13-14,18-19
-	58T(B)-1225CC	1:2CT	1CT:1	1.2	1.2	0.6	0.6	35	35	C	4-5,9-10,14-15,19-20	1-3,6-8,11-13,16-18
-	58T(B)-1226EC	1:2	1:1	1.2	1.2	0.6	0.6	35	35	E	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20
-	58T(B)-1227EC	1:1.36	1:1	1.2	1.2	0.6	0.6	40	40	E	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20
-	58T(B)-1226CC	1:1CT	1:1CT	1.2	1.2	0.6	0.6	35	35	C	4-5,9-10,14-15,19-20	24-25,29-30,34-35,39-40
-	58T(B)-1227CC	1:1.26CT	1:1.26CT	1.2	1.2	0.6	0.6	35	35	C	4-5,9-10,14-15,19-20	24-25,29-30,34-35,39-40
-	58T(B)-1224EC	1:1	1:1	1.2	1.2	0.7	0.7	35	35	E	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20

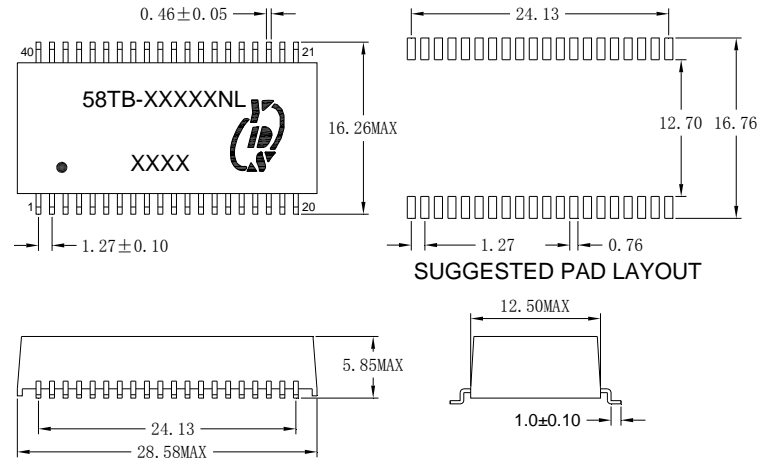
NOTE : 1. Standard (STD) operating temperature range is 0° to 70°C. Extended (EXT) operating temperature range is -40° to 85°C.
 2. B=Bottom potting, e.g. 58TB-1221ANL,58TB-1222ANL

MECHANICAL

58T(Molding)

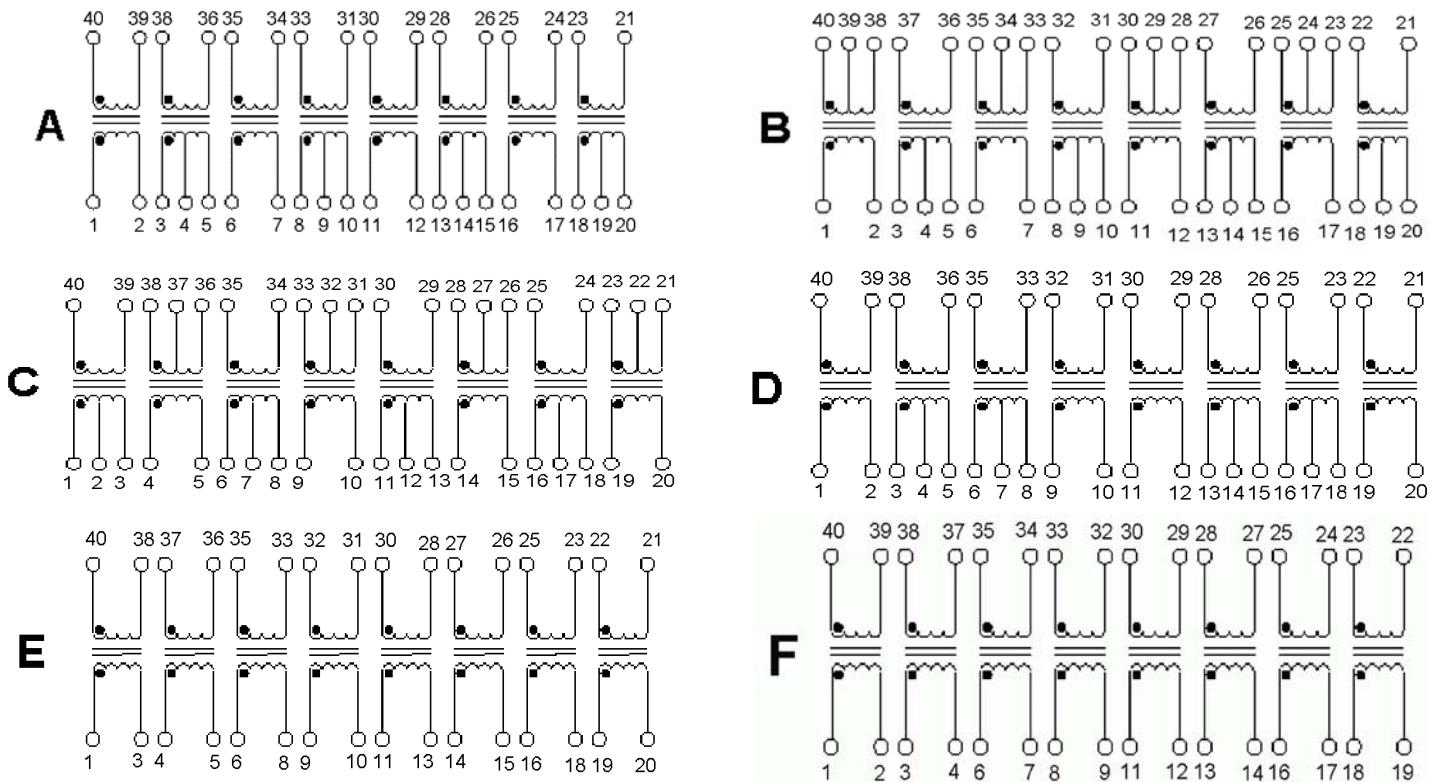


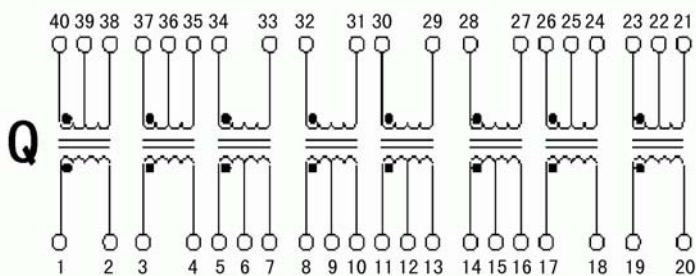
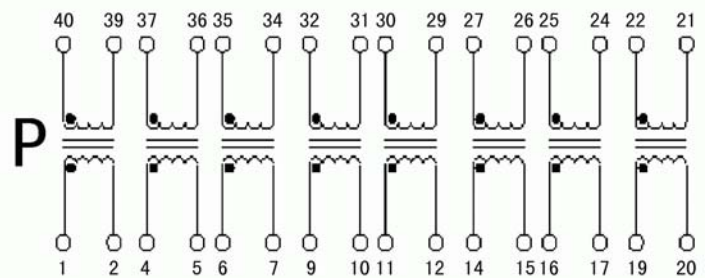
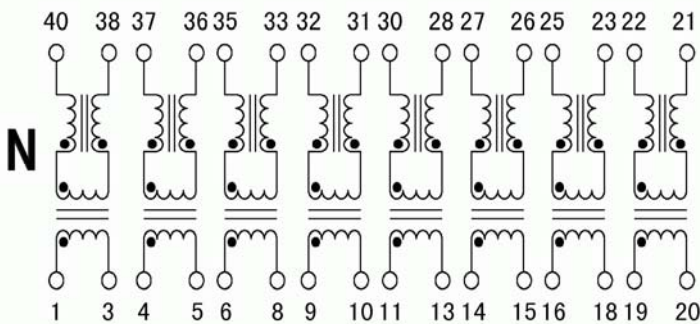
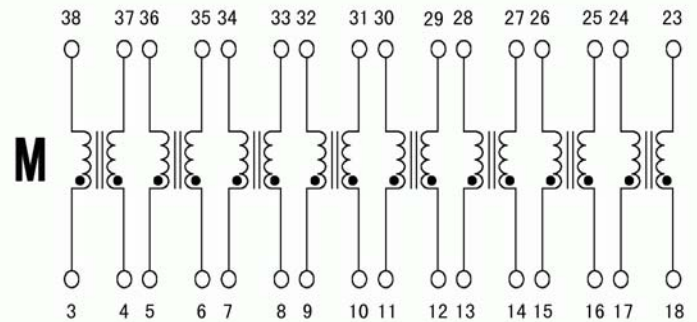
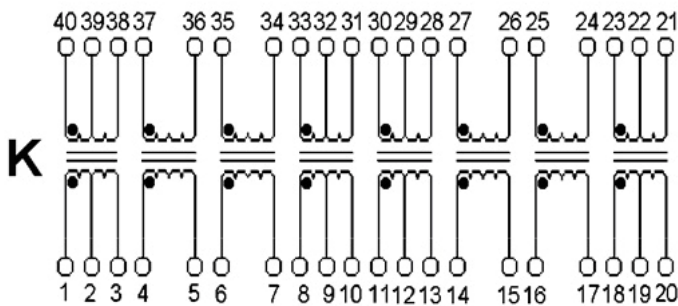
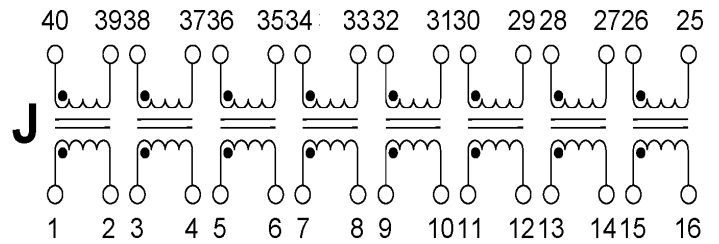
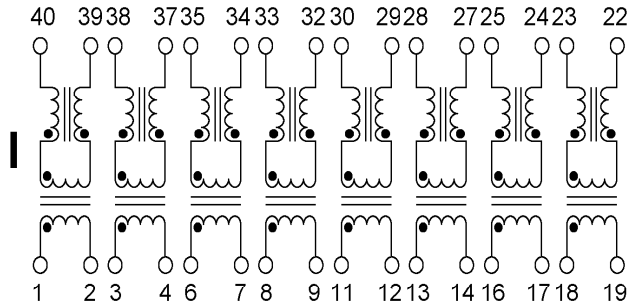
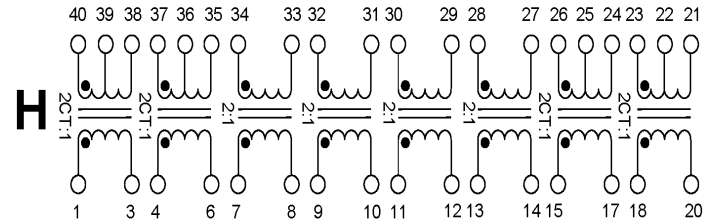
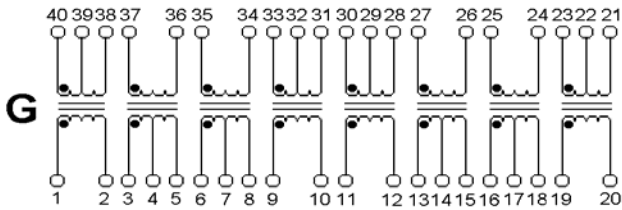
58TB(Bottom Potting)



UNIT:mm Unless otherwise specified,all tolerances are ±0.25

SCHEMATICS





Part Number:

58T - 122 1 A NL
A B C D E

A:Series
B:Inductance
C:Sequence id
D:Schematic
E:RoHS Version