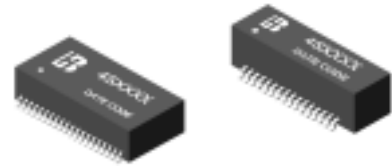


- Quad transformers in a surface mount package supports two T1/E1 ports.
- Available in transmit and/or receive configurations.
- Models matched to leading quad and dual T1/E1/CEPT transceivers.
- Operating temperature range: -0°C to +70°C.
- Storage temperature range: -25°C to +125°C.



Electrical Specifications @ 25°C

Part Number	Turn Ratio (PRI: SEC±2%)	OCL (mH Min)	C _{w/w} (pF max)	L.L (uH Max)	DCR (Ω Max)	Primary PINS		Package/Schematic
						TX	RX	
4S1008	1:1.36 & 1:2	1.2	30/35	0.7/0.8	0.55/0.7/1.0	1-3,10-12,19-17,28-26		S1/A
4S1010	1:1.36CT	1.2	30	0.5	0.6/0.8	1-3,5-7,10-12,14-16		S1/B
4S1018M*	1:2&1:1	1.2	35	0.5	0.8/1.2	3-4,7-8,11-12,15-16	1-2,5-6,9-10,13-14	S2/C
4S1063	1:1.36&1:1.36CT	1.2	20	0.4/0.5	-	1-2,6-7,11-12,16-17	38-36,33-31,28-26,23-21	S2/D
4S1063M*	1:1.36&1:1.36CT	1.2	20	0.4/0.5	-	1-2,6-7,11-12,16-17	38-36,33-31,28-26,23-21	S2/D
4S1064	1:1.14&1:1.41CT	1.2	28	0.6	-	1-2,6-7,11-12,16-17	38-36,33-31,28-26,23-21	S2/D
4S1065	1:2CT & 1:2CT	1.2	35	0.8	-	4-5,9-10,14-15,19-20	24-25,29-30,34-35,39-40	S2/E
4S1065M*	1:2CT & 1:2CT	1.2	25	0.8	-	4-5,9-10,14-15,19-20	24-25,29-30,34-35,39-40	S2/E
4S1067	1:1.36CT&1:2CT	1.2	35	0.6	-	25-24,30-29,35-34,40-39	4-5,9-10,14-15,19-20	S2/E
4S1068	1:2CT & 1:1CT	1.2	35	0.6	-	1-2,6-7,11-12,16-17	22-21,27-26,32-31,37-36	S2/F
4S1069	1CT: 1.41&1CT:1.41	1.2	35	0.6	-	1-3,6-8,11-13,16-18	21-23,26-28,31-33,36-38	S2/E
4S1071	1:1/1.26CT & 1:2CT	1.2	35	0.6	-	1-2,6-7,11-12,16-17	22-21,27-26,32-31,37-36	S2/F
4S1072M*	1:1.15&1:1.15	1.2	35	0.6	-	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20	S2/G
4S1073	1:2	1.2	35	0.6	-	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20	S2/G
4S1124	1:2CT & 1CT: 2	1.2	35	0.6	-	4-5,9-10,14-15,19-20	1-3,6-8,11-13,16-18	S2/E
4S1125	1:2CT & 1CT: 1.6	1.2	35	0.6	-	4-5,9-10,14-15,19-20	1-3,6-8,11-13,16-18	S2/E
4S1126	1:2CT & 1CT: 1.66	1.2	35	0.6	-	4-5,9-10,14-15,19-20	1-3,6-8,11-13,16-18	S2/E
4S1140	1:2&1:1	1.5	35	0.5	0.8	1-2,9-10,11-12,19-20	25-23,28-26,35-33,38-36	S2/H
4S1142	1:2.4 & 1:1	1.0	35	0.5	-	1-2,8-9,11-12,18-19	25-24,28-27,35-34,38-37	S2/I
4S1142A	1:2.4 & 1:1	1.0	35	0.5	-	1-2,11-12	28-27,38-37	S2/J
4S1142M*	1:2.4 & 1:1	1.5	35	0.6	-	1-2,8-9,11-12,18-19	3-4,6-7,13-14,16-17	S2/I
4S1180	1:2.42	1.2	35	0.6	-	1-3,6-8,11-13,16-18	4-5,9-10,14-15,19-20	S2/G
4S1181	1:2.1CT	1.2/0.6	35	0.6	-	1-2,6-7,11-12,16-17	21-22,26-27,31-32,36-37	S2/F
4S1183M*	1:2.33CT&1:2.33CT	0.52	25	0.5	-	1-2,6-7,11-12,16-17	21-23,26-27,31-33,36-37	S2/F

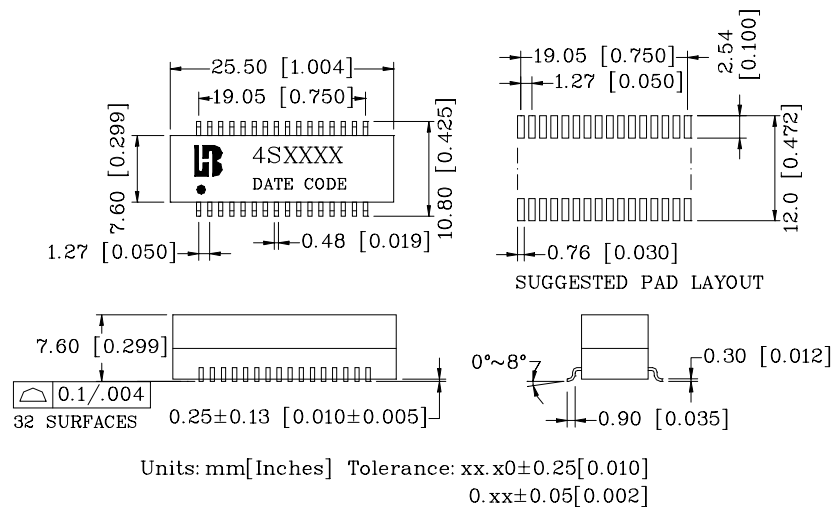
NOTE:

1. HI-POT: 1500Vrms

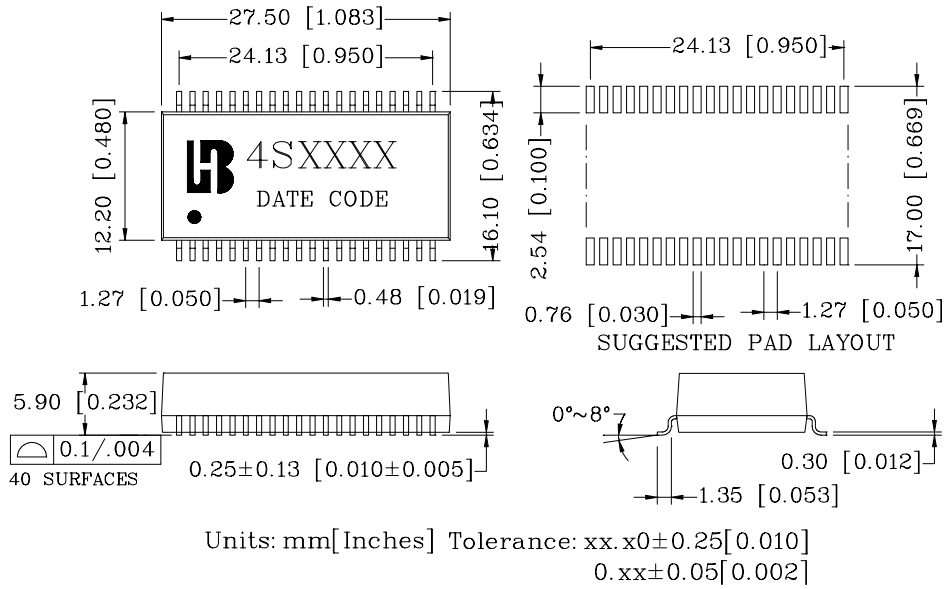
2. “*” Operating temperature range: -40°C to +85°C

Mechanical

S1



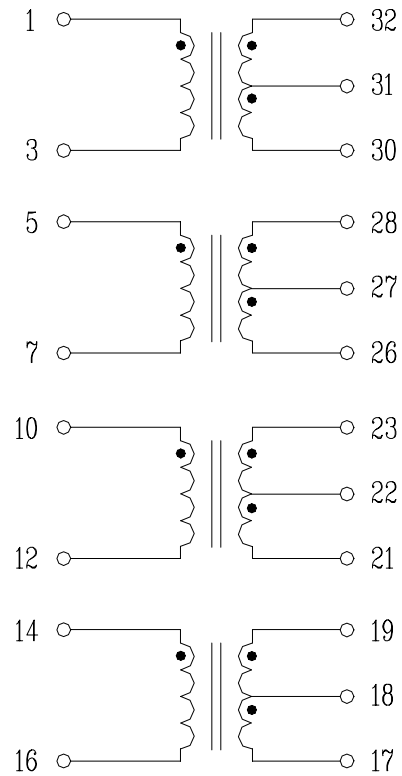
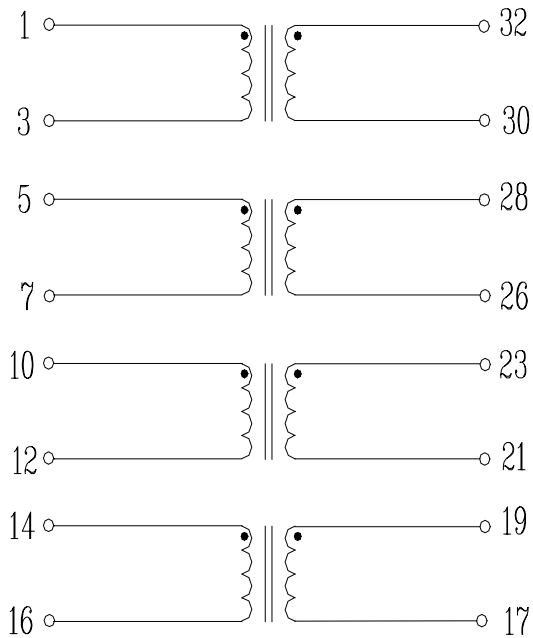
S2



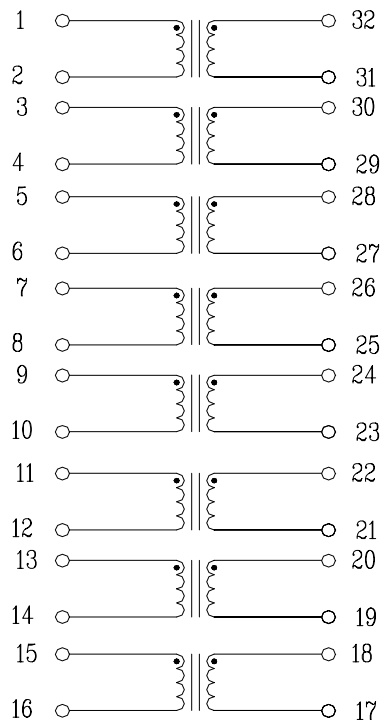
Schematics

A

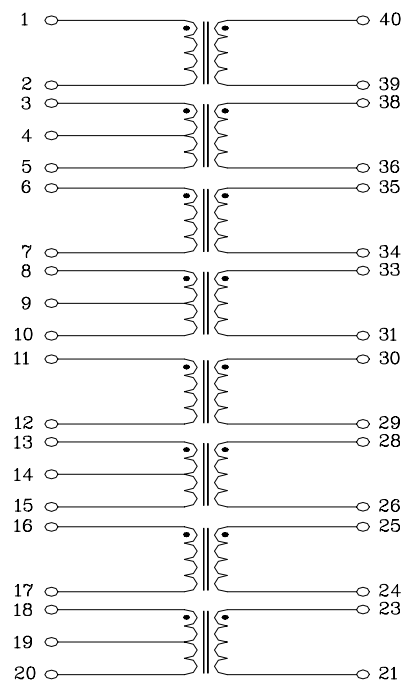
B



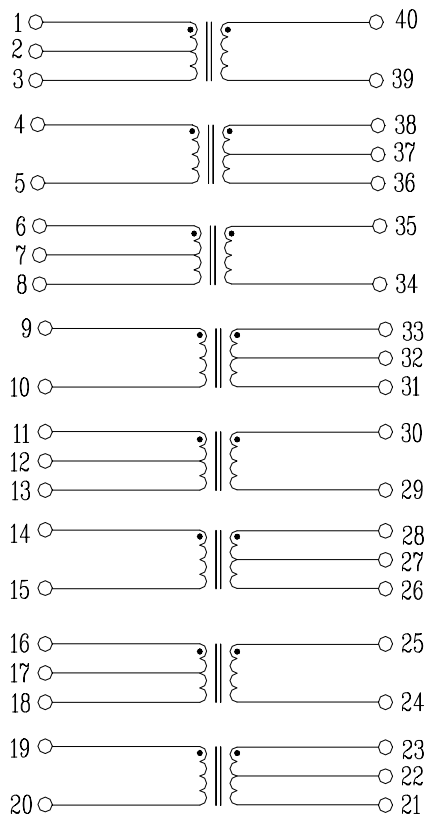
C



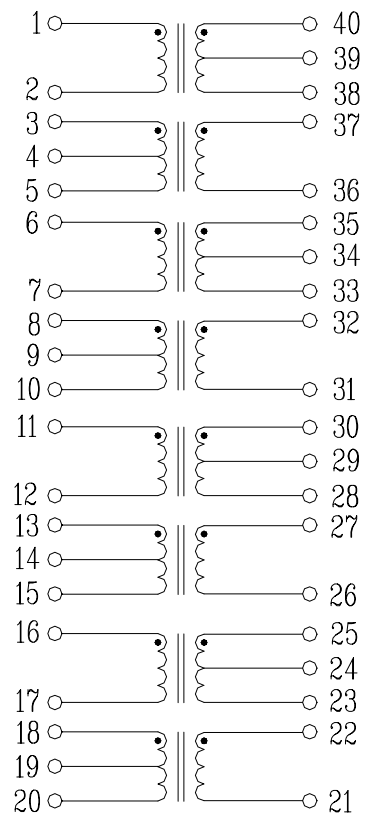
D



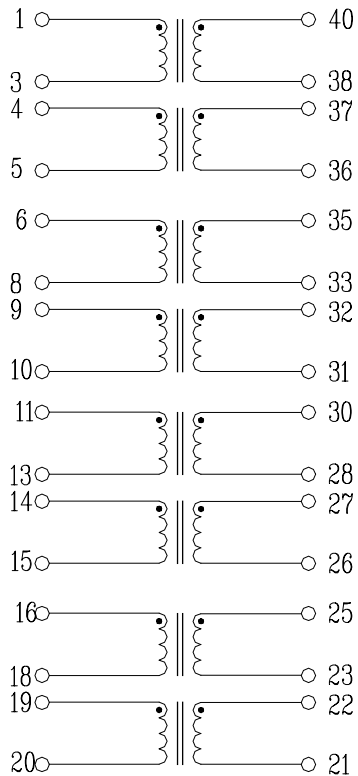
E



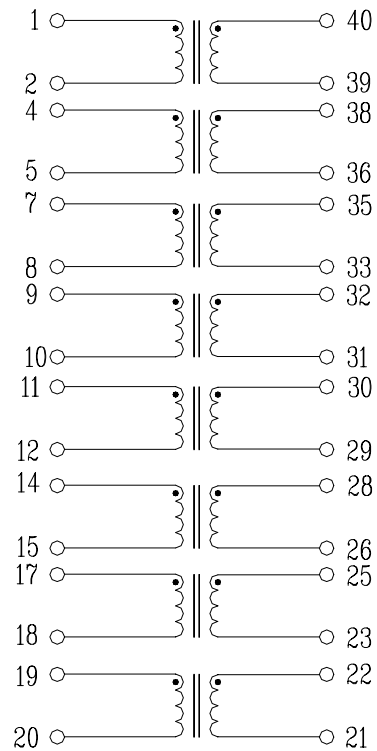
F



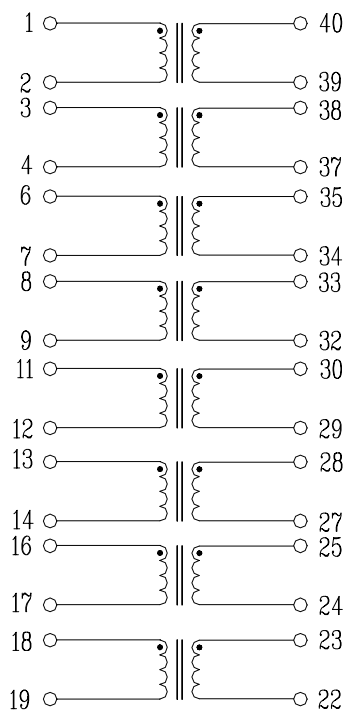
G



H



I



J

