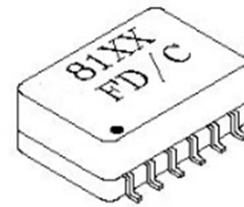


T1/E1

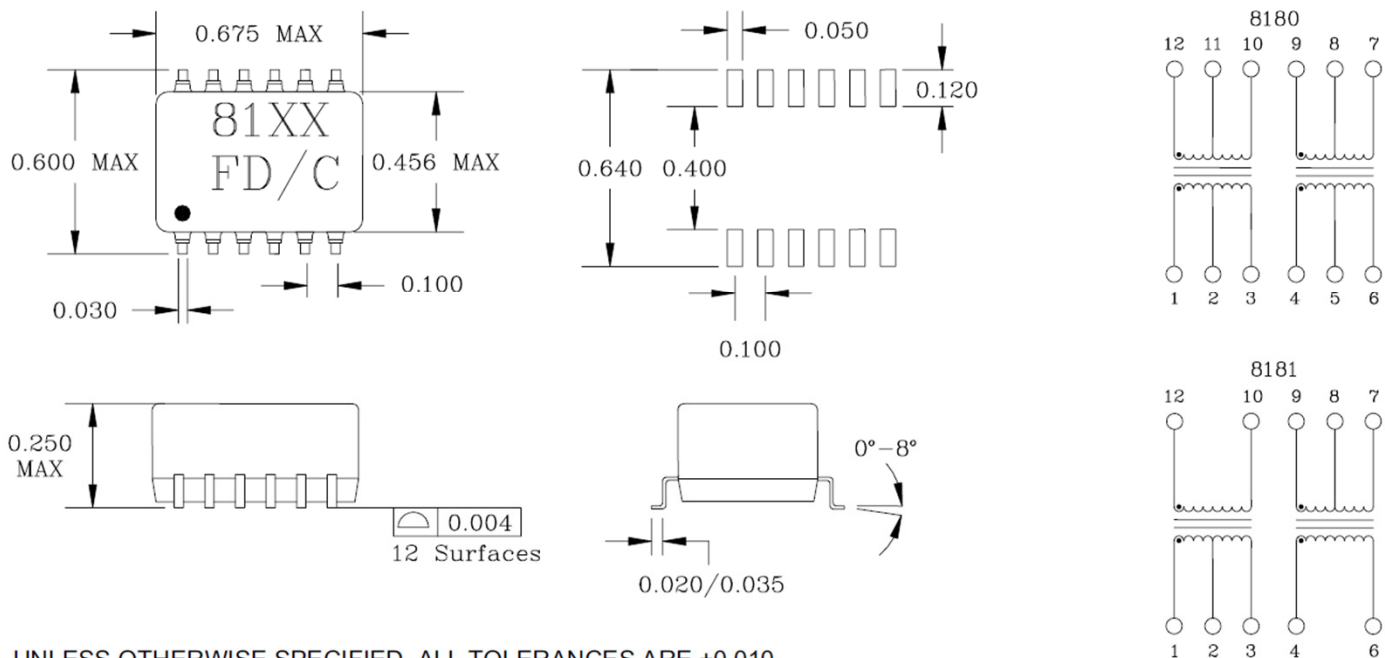
Dual Input / Output Transformers

8180-8181

- Models matched to leading transceiver ICs
- Dual SMD package contains both transmit and receive transformers
- Isolation voltage of 1500 Vrms
- UL 1459 and UL 1950
- Extended Temperature range -40°C to +85°C



MECHANICAL AND SCHEMATIC (All dimensions in inches)



UNLESS OTHERWISE SPECIFIED, ALL TOLERANCES ARE ± 0.010

ELECTRICAL SPECIFICATION @ 25°C

Part Number	Turns Ratio (Pri:Sec $\pm 2\%$)	OCL @ 25°C (mH MIN)	L_L (μ H MAX)	C_{WW} (pF MAX)	DCR Pri (Ω MAX)	DCR Sec (Ω MAX)	Primary Pins
8180	1CT:2CT & 1CT:2C	1.20 & 1.2	0.80 & 0.8	50 & 5	1.00 & 1.0	1.70 & 1.7	12-10, 4-6
8181	1:1/1.26 & 1:2C	1.20 & 1.20	0.80 & 0.8	50 & 6	1.00 & 1.00	1.10 & 1.7	12-10, 4-6