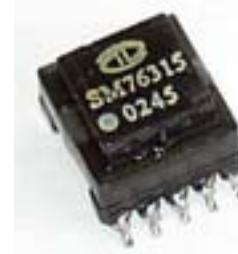




SM76315 Transformer

FEATURES

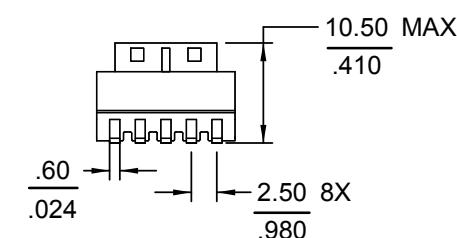
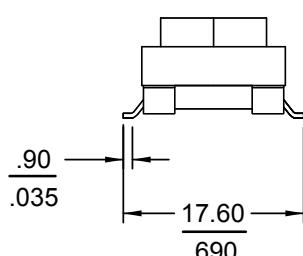
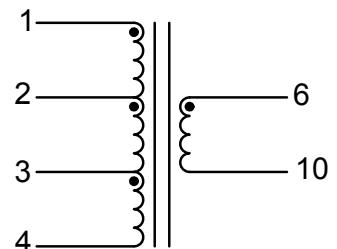
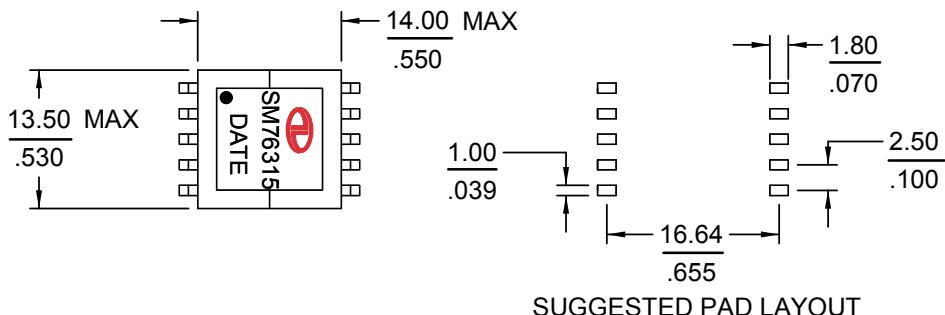
- Designed for use with Silicon Laboratories ProSlic® Devices Si3210M, Si3215M and Si3216M
- Operating Temperature Range -40°C to +125°C
- Isolation Voltage rating between primary and secondary: 500 VDC
- Peak current per primary winding (1-2) (2-3) (3-4): 2 amps



ELECTRICAL SPECIFICATIONS AT 25°C

| | |
|------------|--|
| OCL (1-4) | $107\mu\text{H} \pm 10\%$ @100kHz 0.1V |
| DCR (1-2) | 0.080 Ω max. |
| DCR (2-3) | 0.080 Ω max. |
| DCR (3-4) | 0.080 Ω max. |
| DCR (6-10) | 1.00 Ω max. |
| URNS RATIO | 40:8:8:8 ±1% (6-10):(1-2):(2-3):(3-4) |
| POLARITY | 6,1 SAME PHASE |

MECHANICAL DIMENSIONS



Notes:

- All dimensions are mm/inches
- Unless otherwise specified tolerance ±0.25/0.010
- Coplanarity: 0.102/0.004
- For non-RoHS parts replace SM prefix with 42- (e.g. SM76315 becomes 42-76315)
- Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D