



- Meets pulse waveform template of CCITT I.430 when recommended transformer and chip pair are used
- Excellent longitudinal balance
- 235°C peak solder reflow temperature rating
- Isolation voltage: 2000Vrms
- Operating temperature 0°C to +70°C



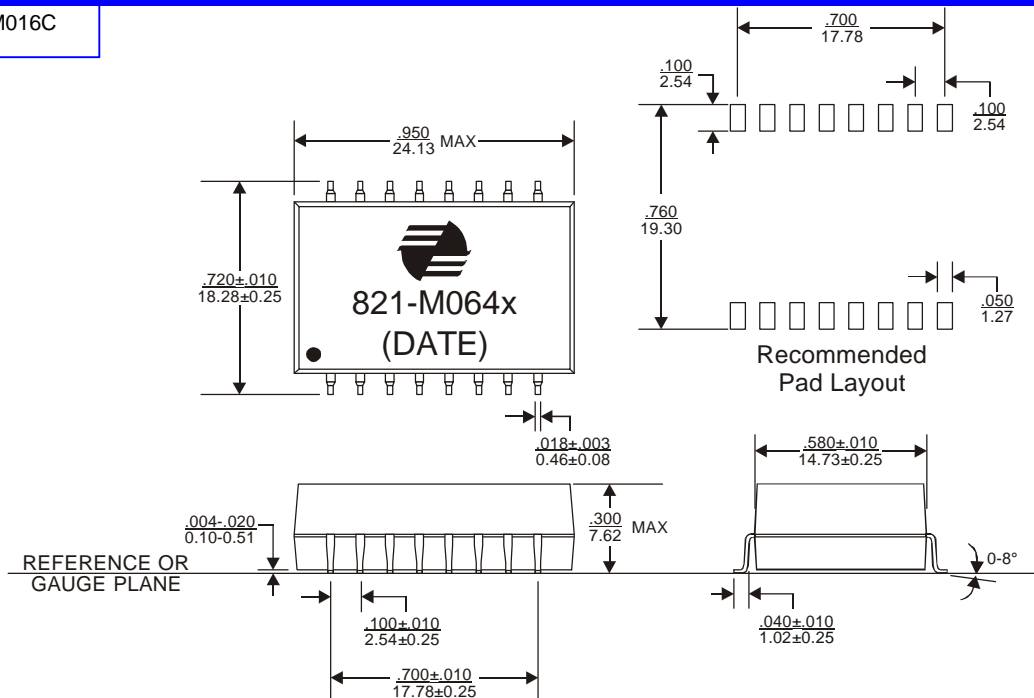
ELECTRICAL SPECIFICATION @25°C

Part Number	Turns Ratio (Pri : Sec ± 2%)		OCL Primary (mH Min)	LL Secondary (uH Max)		C _{ww} (pF Max)	CD Primary (pF Max)		DCR Primary (Ω± 25%)		DCR Secondary (Ω± 25%)		Δ IDC ¹ (mA Max)
	A	B	A & B	A	B	A & B	A	B	A	B	A	B	
821-M0643	1:1	1:2	22	4	5	100	42	80	2.4	2.4	2.4	4.2	1
821-M0644	1:1	1:1	22	5	5	100	42	42	2.4	2.4	2.4	2.4	1
821-M0646	1:2.5	1:2.5	22	40	40	100	110	110	2.4	2.4	5.3	5.3	1
821-M0647	1:2	1:2	22	11	11	100	180	180	2.4	2.4	4.4	4.4	1
821-M0648	1:1.8	1:1.8	22	15	15	100	160	160	2.4	2.4	3.8	3.8	1
821-M0649	1:2	1:2	22	5	5	85	80	80	2.4	2.4	4.2	4.2	1

Note: 1. The maximum specified unbalanced DC current capability is based on 20mH minimum primary OCL.

MECHANICAL DIMENSIONS

Package: SM016C



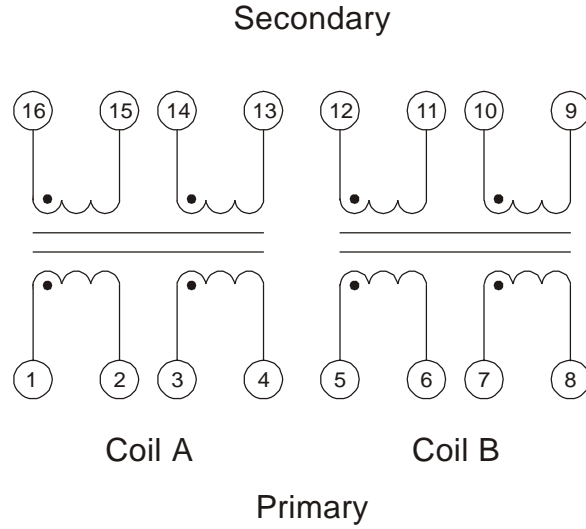
Note : All dimensions are specified in inches with higher precedence in inches. Unless otherwise specified, all tolerances are $\pm .010$ / $\pm .025$.

Weight (in gram)	: 7.0 typ.
Tape & Reel	: 150 / reel



SCHEMATICS

821-M0643/ M0644/ M0646/ M0647/ M0648/ M0649



FOR MORE INFORMATION, PLEASE CONTACT

HEADQUARTER

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