

Data Sheet



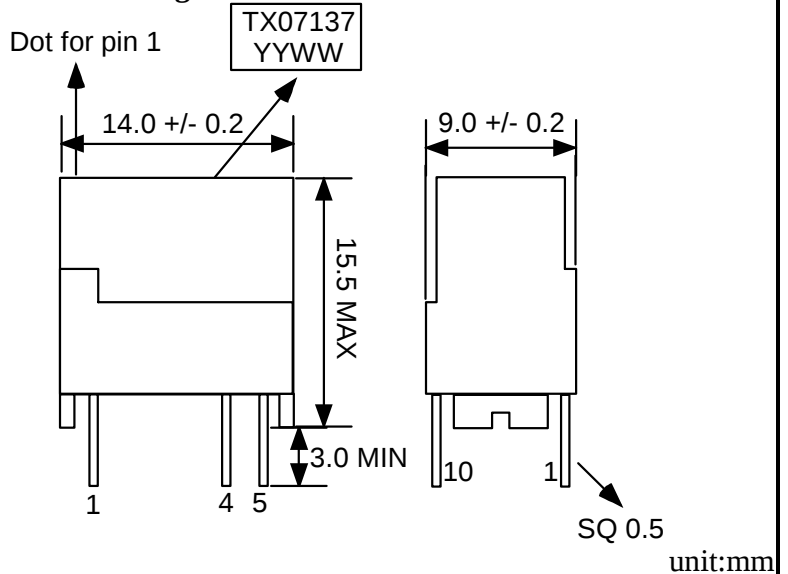
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General Information

Customer	Miller Electric
Part Number	TX07137
Revision	0
Description	Transformer
Date	DEC-24-2010
Reference	OPP9856
Doc Control #	1012-1104P
Issue (For ICE use only)	C

Mechanical Drawing

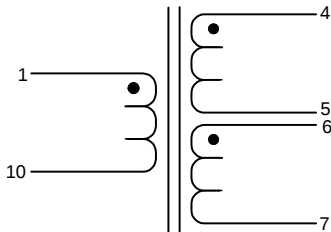


Specification

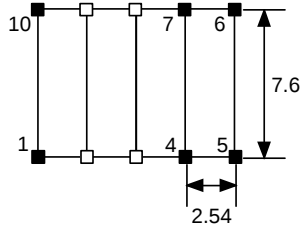
Sample Test Data

Item	Pins	Spec	Test Condition	
Inductance (HP-4284A)	1 – 10	1.3 mH min	10 kHz, 0.1Vrms, series	
Leakage Inductance	1 – 10 short (4,5,6,7)	0.6 uH max	100 kHz, 0.1Vrms, series	
DCR	1 – 10	0.3 Ohm max	25 deg C	
	4 – 5	0.6 Ohm max		
	6 – 7	0.6 Ohm max		
Voltage Ratio & Phasing Test	1 – 10	340 mV +/- 3mV	10 kHz, i/p: 1 – 7 = 1020 mV, short (10 – 4, 5 – 6)	
	4 – 5	340 mV +/- 3mV		
	6 – 7	340 mV +/- 3mV		
Hi – Pot	(1,10) – (4,7,5,6)		2500Vac, 60Hz, 1 mA, 2 seconds	
	(4,5) – (6,7)		500Vac, 60Hz, 1 mA, 2 seconds	

Schematic



Footprint



unit:mm

Remark

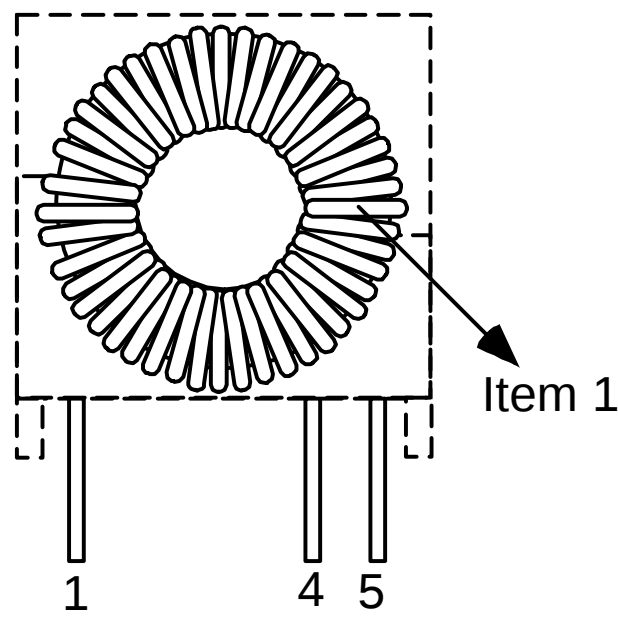
- 1) This is RoHS compliant product.
- 2) Construction as attached.

Sample approval is required before release to production. Sample specifications take precedence over customer specifications.

Customer Signature

Rev.	Description	PRD	CHK	APP	Date	NTFY
0	Initial release	Emily	Joe	L. L. Chou	2007/10/19	2007/10/19
0	Correct pin out per customer's request.	Emily	Joe	L. L. Chou	2007/10/24	2007/11/1
0	Added construction.	Emily	Joe	L. L. Chou	2010/10/13	2010/10/13
0	Case vender change tooling height spec from 15.0+/-0.2 mm to 15.5 mm max.	Emily	Joe	L. L. Chou	2010/12/24	2010/12/24

The Mechanical Construction for TX07137



Item	Winding (S - F)	Description	Number
1.	1 – 10	TIW 0.25mm	34Ts (Total)
	4 – 5	MW28C 0.20mm Trifilar	
	6 – 7	MW28C 0.20mm	