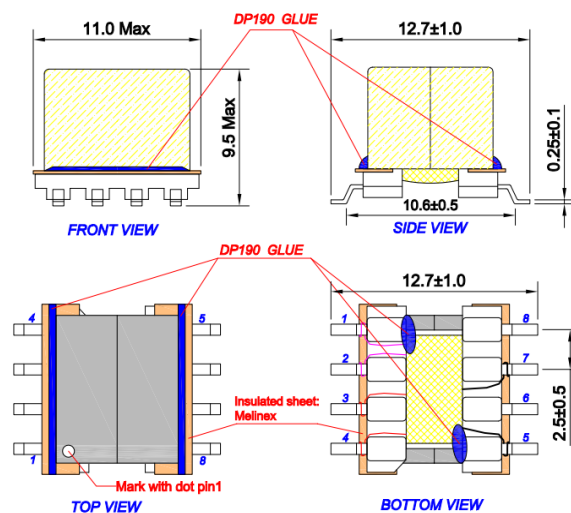


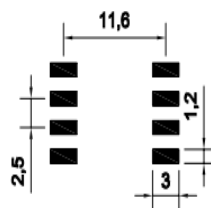
Dimensions: [mm]



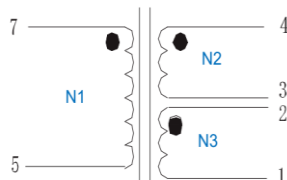
Marking of product:

Pin 1	● white dot
Marking	Part number Logo and YYWW(lot number)

Recommended pad design: [mm]



Schematic:



Electrical Characteristics:

Parameters	Test conditions	Value	
INDUCTANCE	7-5	10.0KHz, 1V, Ls	65uH +10%/-15%
LEKAGE INDUCTANCE	7-5	10.0KHz, 1V, Ls	2.0 uH Max
DC RESISTANCE	7-5	TH2510B	300.0mΩ Max
DC RESISTANCE	4-3	TH2510B	1.5 Ω Max
DC RESISTANCE	2-1	TH2510B	560.0mΩ Max
DIELECTRIC	Pin7 to pin4,2	2750VAC / 1min	0.5mA
DIELECTRIC	Pin4 to Pin2	1000VAC / 1S	0.5mA
DIELECTRIC	Coil to core	1000VDC / 1S	0.5mA
TURNS RATIO		(7-5):(4-3)	0.462:1±2%
TURNS RATIO		(7-5):(2-1)	1.5:1±2%

General Information:

OPERATING TEMPERATURE	-40°C~120°C
Storage Conditions	< 40°C with < 75% RH
Moisture Sensitivity Level (MSL)	1



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REVISION C	Date (YYYY-MM-DD) 2019-03-27	Made by GAZ
Prodct type SMPS Transformer EP7	Part number 173795	Checked by JEP
Product Description Gate Drive Transformer EP7		Page 1 / 1