


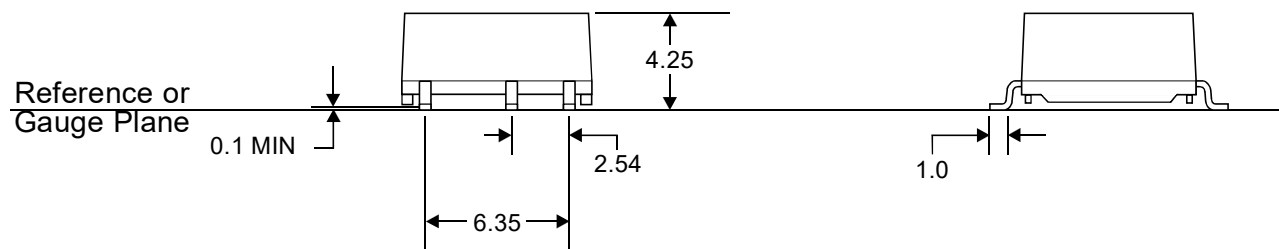
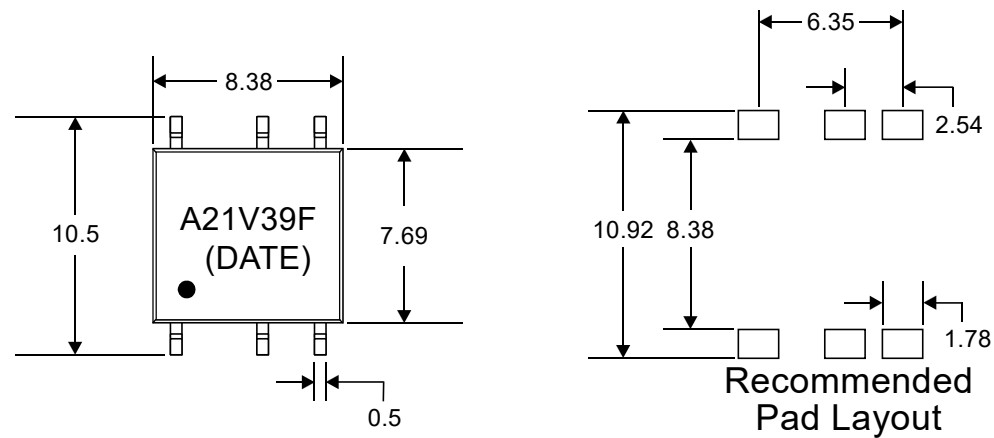


		REVISIONS			
		REV.	DESCRIPTION	ECN NO.	DATE
Special Characteristic Symbols		Pre-01	FIRST RELEASE	N/A	02/12/25
	SAFETY				
	CRITICAL				
	IMPORTANT				

Automotive
Application

When ordering, please add suffix "T" to the part number for tape & reel packaging (330mm reel).

PART NUMBER		PART DESCRIPTION		TITLE					
A21V00039F		RoHS compliant per EU Directive 2015/863/EU		TRANSFORMER, SMD, 6 PIN					
<div><div>WARNING !</div><div>ALL SHEETS OF THIS DOCUMENT ARE CONTROLLED DOCUMENTATION AND ARE NOT TO BE RELEASED OUTSIDE OF E&E OR ITS SUB-CONTRACTORS WITHOUT AUTHORIZATION.</div></div>		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.		<div><div>APPROVALS</div><div>DATE</div></div>		<div><div></div><div>E & E Magnetic Products Ltd.</div></div>			
		DRAWN BY		02/12/25		DRAWING NO./MODEL		REV	
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1. Dimensions are specified in mm.
2. Unless otherwise specified, all tolerances are ± 0.25 .
3. Coplanarity: 0.13 max.
4. "(DATE)" includes at least the manufacturing date code(in YYWW format).

MECHANICAL OUTLINE



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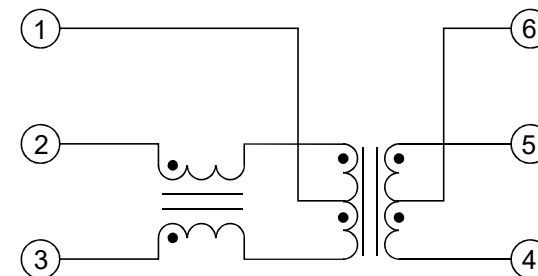
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ELECTRICAL SPECIFICATION @25°C:

PARAMETERS	UNIT	LIMIT
Turns Ratio	-	1CT:1CT \pm 2%
Polarity	-	Per Schematic
OCL @100KHz, 0.1Vrms	μ H	300 Min
Isolation, 60s	VDC	4300 Min

5. Operating temperature: -40°C to +150°C.
6. Designed to be compliant with AEC-Q200.
7. Design construction: functional insulation.
8. Working voltage is 1000VDC.



SCHEMATIC

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