


The following characteristics have changed on the **LT[®]1425** data sheet as indicated in **bold**. For complete specifications, typical performance curves and applications information, please see the **LT1425** data sheet.

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ABSOLUTE MAXIMUM RATINGS

Operating Junction Temperature Range

Commercial 0°C to **125°C**

Industrial -40°C to **125°C**

ELECTRICAL CHARACTERISTICS

The ● denotes the specifications which apply over the full operating temperature range, otherwise specifications are at $T_J = 25^\circ\text{C}$. $V_{IN} = 5\text{V}$, V_{SW} open, $V_C = 1.4\text{V}$, unless otherwise specified.

SYMBOL	PARAMETER	CONDITIONS		MIN	TYP	MAX	UNITS
I_{LIM}	Switch Current Limit	Duty Cycle = 50%, $0^\circ\text{C} \leq T_J \leq 125^\circ\text{C}$	●	1.35	1.60	1.95	A
		Duty Cycle = 50%, $-40^\circ\text{C} \leq T_J \leq 125^\circ\text{C}$	●	1.20	1.60	1.95	A
		Duty Cycle = 80%			1.30		A
	Maximum Switch Duty Cycle		●	85	90	96	%
	Shutdown Mode Threshold		●	0.3	0.9	1.3	V

For further information regarding this specification notice contact:

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