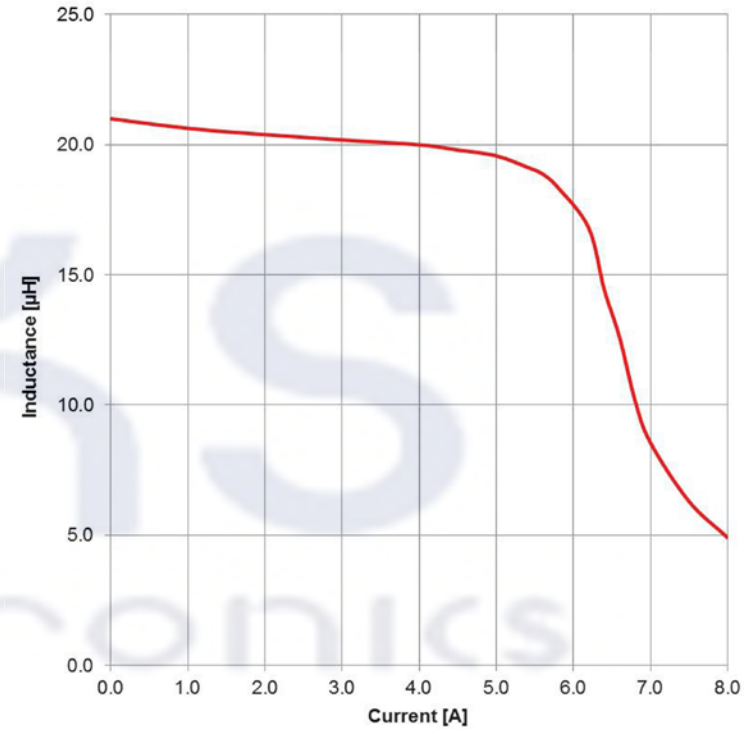




D2 Application Properties:

Properties		Value	Unit
Input voltage (N1)	U_i	9-57	V (DC)
Output voltage 1 (N2)	U_{O1}	3.3	V
Output current 1 (N2)	I_{O1}	3.2	A
Output voltage 2 (N3)	U_{O2}	3.3	V
Output current 2 (N3)	I_{O2}	3.2	A
Auxiliary voltage (N4)	U_{aux}	10	V
Switching frequency	f_{switch}	200-400	kHz

F1 Typical Inductance vs. Current Characteristics:

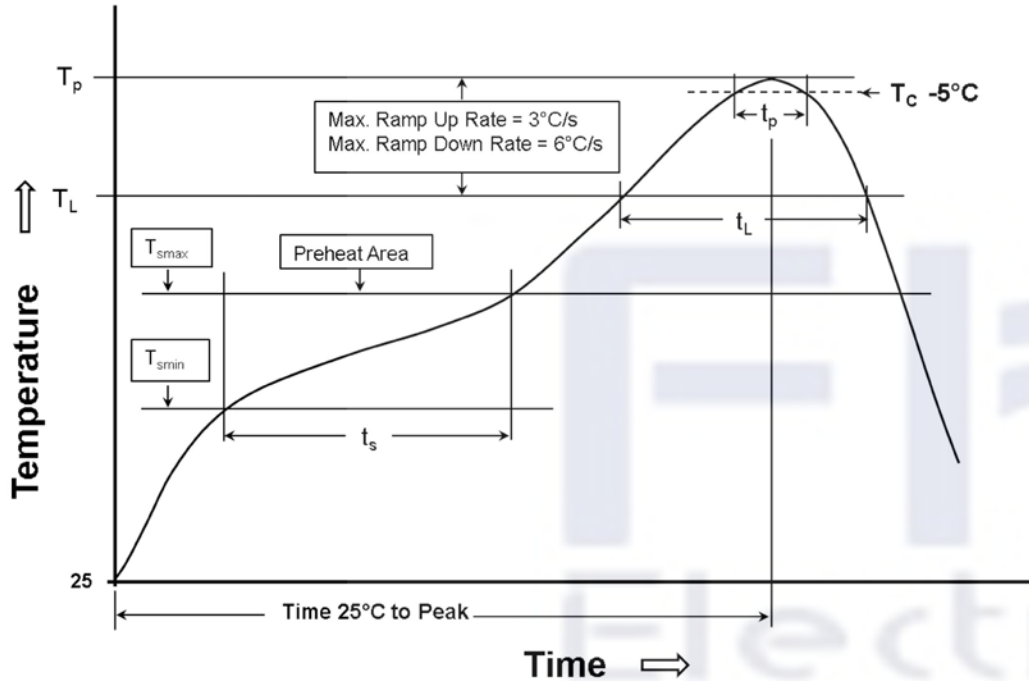


				Projection 	DESCRIPTION
					Power over Ethernet High Power Transformer
				Shaanxi FKS Electronic Parts Import&Export Co., Ltd. FKS(Xi'an) Electronic Technology Co., Ltd. Address: B1 Building, Western Cloud Valley, Fengxi New Town, Xixian New Area, Xi'an City, Shaanxi Province, China. Tel: +86-29-8868 5333 Fax: +86-29-8868 0913	Order.- No. FKS7491195331
				2014-08-04	SIZE A4
				DATE	Size: EPQ13



H Soldering Specifications:

H1: Classification Reflow Profile for SMT components:



H2: Classification Reflow Profiles

Profile Feature	Pb-Free Assembly
Preheat - Temperature Min (T_{smin}) - Temperature Max (T_{smax}) - Time (t_s) from (T_{smin} to T_{smax})	150°C 200°C 60-120 seconds
Ramp-up rate (T_L to T_p)	3°C/ second max.
Liquidous temperature (T_L) Time (t_L) maintained above T_L	217°C 60-150 seconds
Peak package body temperature (T_p)	See Table H3
Time within 5°C of actual peak temperature (t_p)	20-30 seconds
Ramp-down rate (T_p to T_L)	6°C/ second max.
Time 25°C to peak temperature	8 minutes max.

refer to IPC/JEDEC J-STD-020D

H3: Package Classification Reflow Temperature

	Package Thickness	Volume mm ³ <350	Volume mm ³ 350 - 2000	Volume mm ³ >2000
PB-Free Assembly	< 1.6 mm	260°C	260°C	260°C
PB-Free Assembly	1.6 - 2.5 mm	260°C	250°C	245°C
PB-Free Assembly	≥ 2.5 mm	250°C	245°C	245°C

refer to IPC/JEDEC J-STD-020D

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