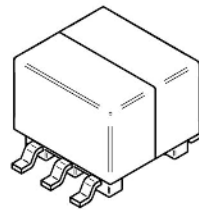
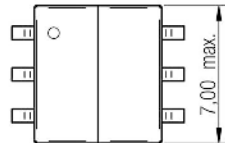
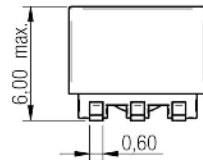
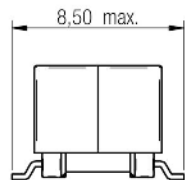
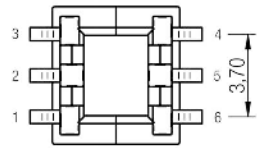
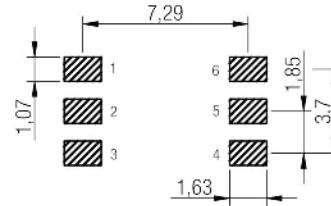
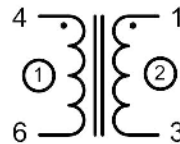


A Dimensions: [mm]

Scale - 3:1

B Recommended land pattern: [mm]

Scale - 3:1

C Schematic:**D Electrical Properties:**

Properties	Test conditions		Value	Unit	Tol.
Inductance	10 kHz/ 100 mV	L	650	μH	min.
Leakage inductance	100 kHz/ 100 mV	L _S	2.9	μH	max.
DC Resistance 1		R _{DC}	1200	mΩ	max.
DC Resistance 2		R _{DC}	600	mΩ	max.
Turns ratio		n	1.5:1		
Voltage-μSecond	B = 280 mT	∫Udt	40.8	μVs	typ.
Interwinding capacitance	100 kHz/ 100 mV	C _{WW}	9	pF	typ.
Rated voltage		U _R	80	V (DC)	
Insulation test voltage		U _T	1500	V (DC)	

E General information:

It is recommended that the temperature of the part does not exceed +125°C under worst case conditions.

- Storage Temperature: -20°C to 60°C
- Operating Temperature: -40°C to 125°C
- Test conditions of Electrical Properties: 20°C, 33% RH if not specified differently

Shaanxi FKS Electronic Parts Import&Export Co.,Ltd.

FKS(Xi'an) Electronic Technology Co.,Ltd.

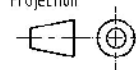
Address: B1 Building,Western Cloud Valley,Fengxi New Town,
Xixian New Area,Xi'an City, Shaanxi Province,China.

Tel: +86-29-8868 5333

Fax: +86-29-8868 0913

FKS
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Projection



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FKS
Electronics

DESCRIPTION

Gate-Drive-Transformer

Order.- No.

FKS760301107



SIZE

A4

Size: EP5

DATE

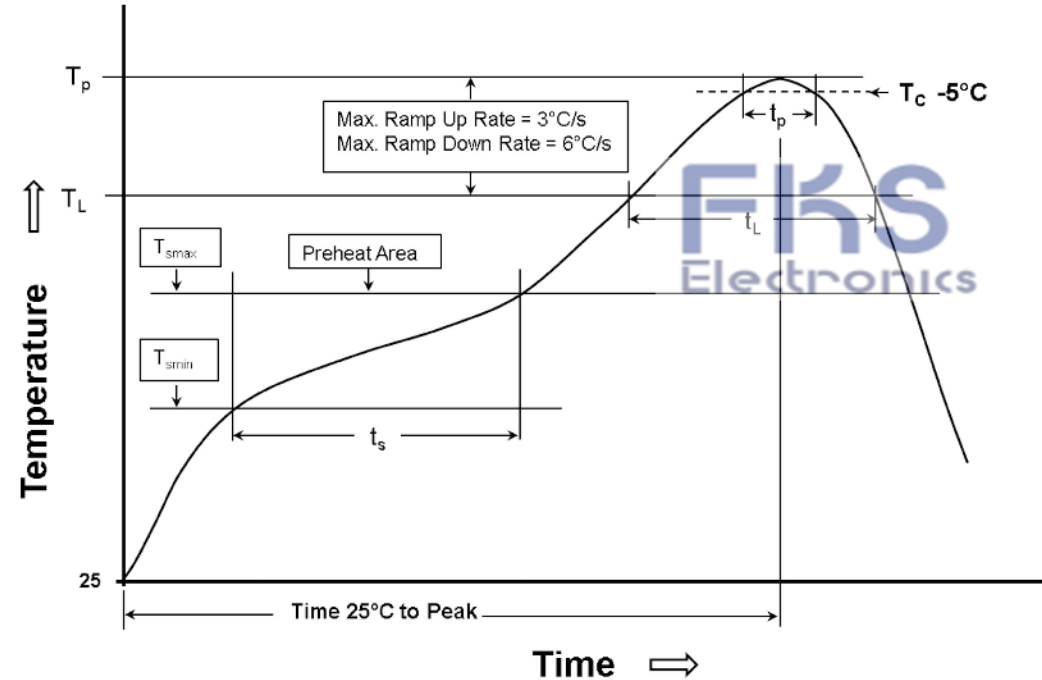
H Soldering Specifications:

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H1: Classification Reflow Profile for SMT components:



H2: Classification Reflow Profiles

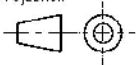
Profile Feature	Pb-Free Assembly
Preheat - Temperature Min (T_{smin}) - Temperature Max (T_{smax}) - Time (t_s) from (T_{smin} to T_{smax})	150°C 200°C 60-120 seconds
Ramp-up rate (T_L to T_p)	3°C/ second max.
Liquidous temperature (T_L) Time (t_L) maintained above T_L	217°C 60-150 seconds
Peak package 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 mm³ <350	Volume mm³ 350 - 2000	Volume mm³ >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

				Projection 		DESCRIPTION		
	2014-04-01					Gate-Drive-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. FKS760301107		SIZE A4
				FKS Electronics 		Size: EP5		
	DATE							