



LTK700/LTK800 SERIES

(Ta = 25°C)

Model No.	Internal Connection Diagram	Outline Dimensions	Absolute Maximum Ratings		Electro-optical Characteristics								
			Collector-Emitter Voltage	Isolation Voltage	Current Transfer Ratio			Response Time				Collector Dark Current	
			V _{CEO} (V)	V _{iso} (Vrms)	CTR (%) MIN.	I _F (mA)	V _{CE} (V)	t _r (μs) TYP.	I _C (mA)	R _L (Ω)	V _{CE} (V)	I _{CEO} (A) MAX.	V _{CE} (V)
LTK713V	A	①	35	500	50	5	5	4	2	100	2	1 × 10 ⁻⁷	20
LTK703V			40		10	5	4	2	100	2	1 × 10 ⁻⁷	20	
LTK702V			40		10	5	2	I _F = 10	75	V _{CC} =5	5 × 10 ⁻⁵	10	

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LTK817	B	②	35	5000	50	5	5	4	2	100	2	1 × 10 ⁻⁷	20
LTK827	C	③			50	5	5	4	2	100	2	1 × 10 ⁻⁷	20
LTK847	D	④			50	5	5	4	2	100	2	1 × 10 ⁻⁷	20
LTK829	E	③			50	5	5	4	2	100	2	1 × 10 ⁻⁷	20
LTK849	F	④			50	5	5	4	2	100	2	1 × 10 ⁻⁷	20
LTK814	G	②			20	±1	5	4	2	100	2	1 × 10 ⁻⁷	20

Internal Connection Diagrams

A 1. Anode 2. Cathode 3. NC 4. Emitter 5. Collector 6. Base	B 1. Anode 2. Cathode 3. Emitter 4. Collector	C 1. 3. Anode 2. 4. Cathode 5. 7. Emitter 6. 8. Collector	D 1. 3. 5. 7. Anode 2. 4. 6. 8. Cathode 9. 11. 13. 15. Emitter 10. 12. 14. 16. Collector
E 1. 4. Anode 2. 3. Cathode 5. 8. Emitter 6. 7. Collector	F 1. 4. 5. 8. Anode 2. 3. 6. 7. Cathode 9. 12. 13. 16. Emitter 10. 11. 14. 15. Collector	G 1. Anode, Cathode 2. Anode, Cathode 3. Emitter 4. Collector	

Outline Dimensions

① Anode mark	② Anode mark
③ Anode mark	④ Anode mark