

TGA SEMICONDUCTORS, LTD.

TGA半导体有限公司

产品命名方式

Part Number Definition Example R1010MH:

T=Glass passivated Triac,

10=10A,

10=IGT 25/25/25 mA,

M=600V,

H=TO-220AB

字母含义 Technology	电流表示 Current Range	I _{GT} 触发电流表示 单位: 微安 (μA)			电压表示 Voltage	封装表示 Package
SCR E=Epitaxial(Fast) F=Fast(gold doped,glass passivated) L=Light activated M=Mesa P=Planar S=Glass passivated X=Top Glass TRIAC T=Glass passivated Z=Top Glass DIAC D=Glass passivated	01=up to 1A 02=up to 2A 03=3A 04=4A 05=5A 06=6A 08=8A 10=10A 12=12A 15=15A 16=16A 25=25A 40=40A	IGT-Current Range			(V)	A=TO-92
		Code	Min	Max	Y=30	B=RD26
		00=	→	20	F=60	D=TO-18
		01=	1	20	A=100	E=TO202-1
		02=	→	200	B=200	F=TO202-2
		03=	20	200	C=300	G=TO-39
		04=	→	50	D=400	H=TO-220
		05=	20	50	M=600	J=TO-220 Isolated
		06=	50	200	S=700	K=RD101 Isolated (RD-91)
		07=	→	5	N=800	N=TO-48 1/4 28UNF-2A Thread
		08=	1	5	P=1000	P=TO-48L,Metric M6 Thread
		09=	→	1	V=1200	T=TO-92 Taped and Reeled
		10=	5	20	Z=1400	V=Vial
						W=Waffle Pack
						X=Expanded Wafer
						Y=Unscribed Wafer
						Z=Specials

资料提供: 可控硅在线

<http://www.kkg.com.cn>

kkg@kkg.com.cn

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Sensitive Gate SCR's ($>200\mu\text{A}$)

单向品种触发电流, 毫安 (mA)

Code	Min	Max
05=	→	5
07=	5	10
08=	→	10
10=	10	25
12=	25	50
13=	→	50
14=	30	75

TRIAC IGT (mA)

双向品种触发电流, 毫安 (mA)

Code	I _{GT1}	I _{GT2}	I _{GT3}	I _{GT4}
02=	3	3	3	3
05=	5	5	5	5
09=	10	10	10	10
10=	25	25	25	25
12=	50	50	50	50
13=	50	50	50	75

Special Selections on SCR'S and TRIACS, Codes 20 to 99

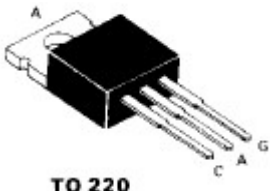
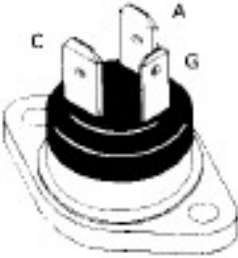
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SCRs 单向可控硅 型号及参数对照

Package 封装外形	电流 $I_{T(RMS)}$ (A) 安培	耐压 V_{DRM} V_{RRM}	触发电流 I_{GT} (mA) 毫安		
			Min→Max 10→25	Min→Max 25→50	Min→Max 30→75
 TO-220 TO-220AB	16	200	S1610BH	S1612BH	
		400	S1610DH	S1612DH	
		600	S1610MH	S1612MH	
		800	S1610NH	S1612NH	
	25	200		S2512BH	S2514BH
		400		S2512DH	S2514DH
		600		S2512MH	S2514MH
		800		S2512NH	S2514NH
	40	200		S4012BH	S4014BH
		400		S4012DH	S4014DH
		600		S4012MH	S4014MH
		800		S4012NH	S4014NH
 RD101 ISD RD91	25	200		S2512BK	S2514BK
		400		S2512DK	S2514DK
		600		S2512MK	S2514MK
		800		S2512NK	S2514NK
	40	200		S4012BK	S4014BK
		400		S4012DK	S4014DK
		600		S4012MK	S4014MK
		800		S4012NK	S4014NK