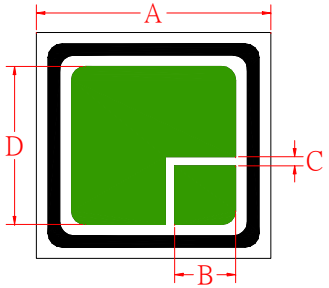
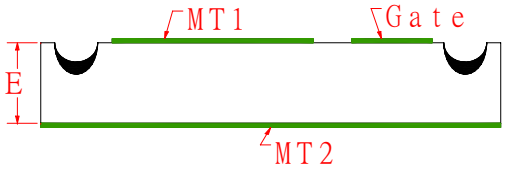
元耀科技股份有限公司
YENYO TECHNOLOGY CO., LTD.

DICE SPEC.

Product：TRIAC (One Side Mesa Type)

DATE: 2005/12/30





Type		0.6 Amps / 0.8 Amps	1 Amps / 1.5 Amps	1.5 Amps	2 Amps / 3 Amps	4 Amps	6 Amps	8 Amps	12 Amps	16Amps
Dice dimension (mm)	A	1.36±0.05	1.60±0.05	1.80±0.05	2.30±0.05	3.00±0.05	3.20±0.05	3.50±0.05	4.00±0.05	4.50±0.05
	B	0.25±0.05	0.305±0.05	0.41±0.05	0.605±0.05	0.605±0.05	0.65±0.05	0.7±0.05	0.80±0.05	0.85±0.05
	C	0.1±0.05	0.1±0.05	0.1±0.05	0.15±0.05	0.15±0.05	0.15±0.05	0.15±0.05	0.15±0.05	0.15±0.05
	D	0.7±0.05	0.85±0.05	1.05±0.05	1.55±0.05	2.25±0.05	2.45±0.05	2.75±0.05	3.25±0.05	3.76±0.05
	E	0.21±0.02								
Metallization	MT1 & Gate	Al or Ag								
	MT2	Ag								
$I_{T(RMS)}$	Amp(max.)	0.6 / 0.8	1 / 1.5	1.5	2 / 3	4	6	8	12	16
V_{DRM} & V_{RRM}	Volt(min.)	400 / 600								
I_{DRM} @ V_{DRM}	μA(max.)	2	2	2	2	2	5	5	10	10
I_{RRM} @ V_{RRM}	μA(max.)	2	2	2	2	2	5	5	10	10
IGT(I/II/III)	mA(max.)	15	15	15	30	30	30	30	30	30
VGT(I/II/III)	Volt(max.)	1.5								
I_H	mA(max.)	20	20	20	30	30	30	30	30	30
V_{TM} @$\sqrt{2}I_{TM}$	Volt(max.)	1.6								

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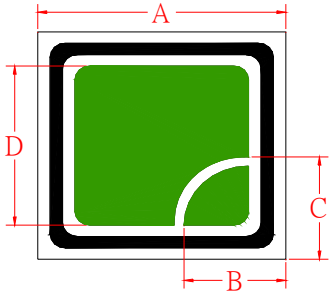
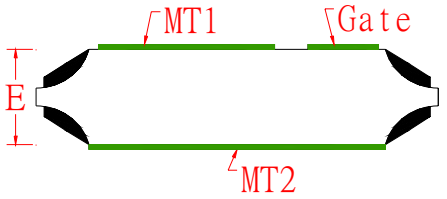
DICE SPEC.

Product：TRIAC (Double Side Mesa Type)





Type		16 Amps	25 Amps	50 Amps
Dice dimension (mm)	A	4.5±0.05	6.0±0.05	10.0±0.05
	B	1.8±0.05	2.05±0.05	2.97±0.05
	C	2.3±0.05	2.67±0.05	3.98±0.05
	D	3.7±0.05	5.20±0.05	9.20±0.05
	E	0.27±0.05		
Surface Metal	MT1 & Gate	Ag		
	MT2			
$I_{T(RMS)}$	Amp(max.)	16	25	50
V_{DRM} & V_{RRM}	Volt(min)	600		
I_{DRM} @ V_{DRM}	μA(max.)	10	10	10
I_{RRM} @ V_{RRM}	μA(max.)	10	10	10
IGT(I / II / III)	mA(max.)	30	50	70
VGT(I / II / III)	Volt(max.)	1.5		
I_H	mA(max.)	35	70	100
V_{TM} @$\sqrt{2}I_{TM}$	Volt(max.)	1.6		