



M ;)\$88%*\$

6f]X [Y' FYWh]Z]Yfg'

.....:YUhi fYg'

Thin single in-line package
High surge current capability
Solder dip 275 °C max. 7 s, per JESD 22-B106

..AYW\Ub]WU''8UhU'

DW_U[Y: PB
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, Halogen free
HYf a]bU'g': Tin plated leads, solderable per J-STD-002 and JESD22-B102
Dc`Uf]hm. 'As marked on body

Unless otherwise specified

| | GMA6C@ | I B-H | M ;)\$88%*\$ |
|---------------------|------------------|------------------|----------------------|
| | | | M ;)\$88%*\$ |
| Storage temperature | VRRM | V | 1600 |
| | V | V | 1120 |
| | VDC | V | 1600 |
| Sink | I _o | A | 50*2 |
| | | | 15*2 |
| | I _{FSM} | A | 600 |
| | | | 1200 |
| | I ² t | A ² s | 1494 |
| Storage temperature | Tstg | | Junction temperature |

| | | | |
|---|--|--|-----|
| Dielectric strength @ Terminals to case, AC 1 minute | | | 2.5 |
| Mounting torque @Recommend torque 5kg cm | | | 8 |

9`YWhf]WU''7 \UfUWhYf]gh]W



H\Yf aU`7\UfUWhYf]gh]Wg' Ta=25 Unless otherwise specified

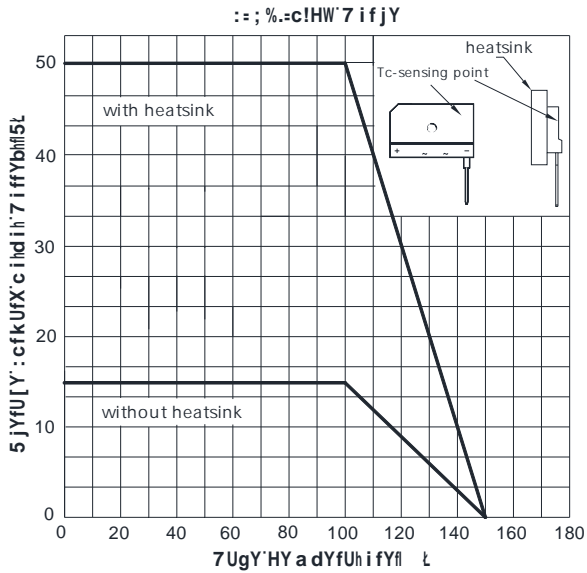
| D5F5A9H9F' | | GMA6C@ | IB-H' | M ;)\$88%*\$ |
|--------------------|--|------------------|-------|---------------|
| Thermal Resistance | Between junction and ambient, Without heatsink | R _{J-A} | /W | 18.0 |
| | Between junction and lead, With heatsink | R _{J-L} | | 5.0 |
| | Between junction and case, With heatsink | R _{J-C} | | 0.75 |

Note: Device mounted on 75mm x 45mm x 5.5mm Aluminum Plate Heatsink.

CfXYf]b[-bZcf aUh]cb'(Example)

| DF9:9F98'D#B' | D57?-B ; 7C89' | IB-H'K9- ; <Hfi]t | A=B=AIA' D57?5 ; 9fidWgt | =BB9F'6CL' E I 5BH=HMfidWgt | CIH9F'75FHCB' E I 5BH=HMfidWgt | 89@=J9FM'AC89 |
|---------------|----------------|-------------------|--------------------------|-----------------------------|--------------------------------|---------------|
| YG50DD160 | B1 | Approximate 7.5 | 15 | 750 | 1500 | TUBE |

7\UfUWhYf]gh]Wg'(Typical)





'M ;)\$88%*\$'

9`YWhf]WU`W]fWi]h`X]U[fUa`UbX`ghfiWhifU`X]U[fUa`

Cih`bY`8]aYbg]cbg`

| D6` | | |
|------|------|------|
| 8]a` | A]b` | AUI` |
| A | 29.7 | 30.3 |

