

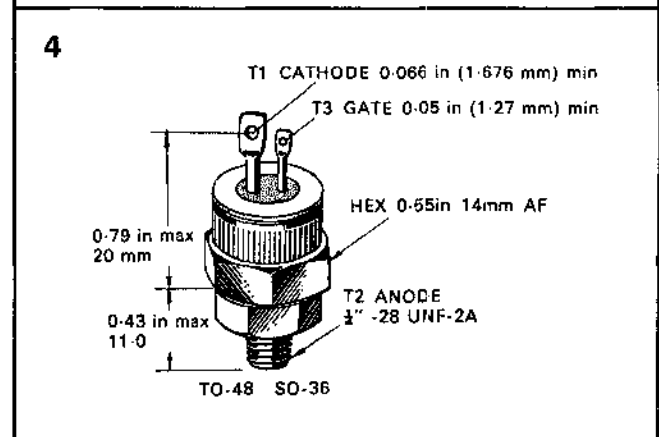
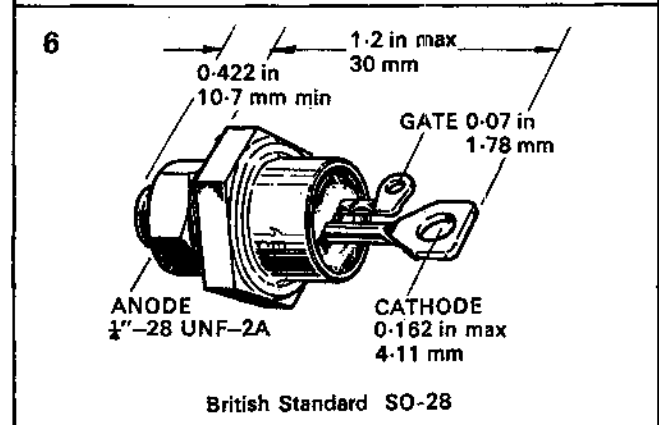
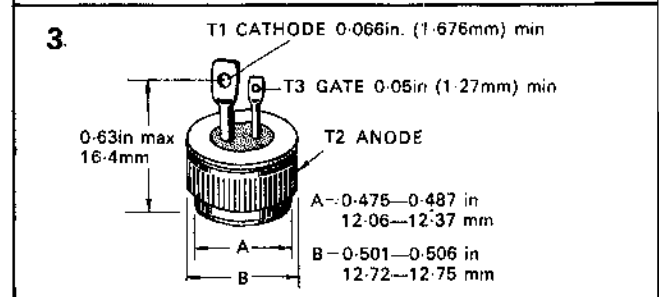
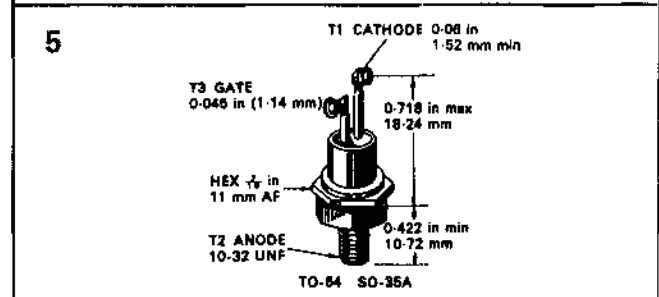
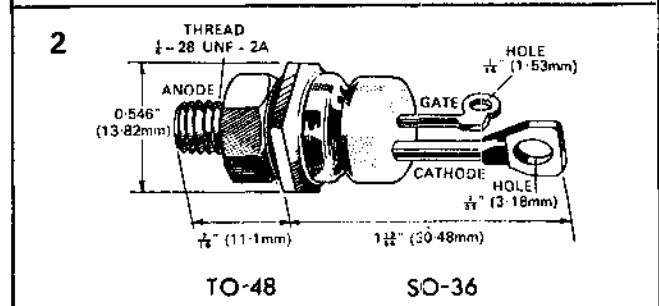
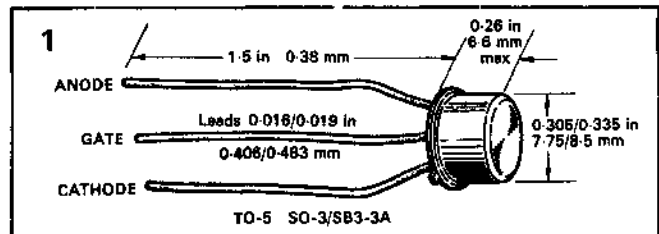
$I_{T(AV)85^{\circ}C}$ <b>6.4 A</b>	$I_{TSM}$ <b>80 A</b>	$I^2t$ <b>32 A<sup>2</sup>sec</b>	<b>Outline 5</b>
Type No.		$V_{RRM}$	$V_{RSM}$
BTY79-100R		100	150
BTY79-200R		200	300
BTY79-300R		300	400
BTY79-400R		400	500
BTY79-500R		500	600
BTY79-600R		600	720
BTY79-700R		700	850
BTY79-800R		800	960
BTY79-1000R		1000	1100
$V_{GT} = 3.0 V$ $dv/dt = 20 V/\mu S$		$I_{GT} = 30 mA$ $dl/dt = 20 A/\mu S$	

$I_{T(AV)85^{\circ}C}$ <b>6.5 A</b>	$I_{TSM}$ <b>55 A</b>	<b>Outline 5</b>
Type No.		
$V_{GT}$ 2.0 V	$I_{GT}$ 10 mA	$V_{RRM}$
BT101-300R	BT102-300R	300
BT101-500R	BT102-500R	500
$V_{GT}$ 2.5 V		$V_{RSM}$
$I_{GT}$ 50 mA		300
$V_{GT}$ 3.5 V		500
$I_{GT}$ 50 mA		500

$I_{T(AV)60^{\circ}C}$ <b>6.5 A</b>	$I_{TSM}$ <b>70 A</b>	$I^2t$ <b>25 A<sup>2</sup>sec</b>	<b>Outline 5</b>
Type No.		$V_{RRM}$	$V_{RSM}$
$V_{GT}$ 2.0 V	$I_{GT}$ 10 mA	500	500
BT107	BT108	500	500
$dl/dt = 50 A/\mu S$			

$I_{T(AV)85^{\circ}C}$ <b>7.0 A</b>	$I_{TSM}$ <b>100 A</b>	$I^2t$ <b>50 A<sup>2</sup>sec</b>	
<b>Outline 3</b>	Type No.	$V_{RRM}$	$V_{RSM}$
CR8-051A	CR8-051B	50	60
CR8-101A	CR8-101B	100	120
CR8-201A	CR8-201B	200	240
CR8-301A	CR8-301B	300	360
CR8-401A	CR8-401B	400	480
CR8-501A	CR8-501B	500	600
CR8-601A	CR8-601B	600	720
—	—	700	850
—	—	800	960
—	—	900	1000
—	—	1000	1100
$V_{GT} = 3.0 V$		$I_{GT} = 25 mA$	
$dl/dt = 100 A/\mu S$			

$I_{T(AV)85^{\circ}C}$ <b>10 A</b>	$I_{TSM}$ <b>120 A</b>	$I^2t$ <b>70 A<sup>2</sup>sec</b>	<b>Outline 6</b>
Type No.		$V_{RRM}$	$V_{RSM}$
CR10-051B		50	60
CR10-101B		100	120
CR10-201B		200	240
CR10-301B		300	360
CR10-401B		400	480
CR10-501B		500	600
CR10-601B		600	720
$V_{GT} = 3.0 V$		$I_{GT} = 80 mA$	
$dl/dt = 100 A/\mu S$			



$dv/dt$  available up to 1000 V/ $\mu S$ .

\*Avalanche versions available with  $P_{RSM} = 18 kW$ .