

TMBS

Trench Schottky Barrier Diode Catalog

3A-5A, 45V TMBS, 60-70mil, Typical Value

No.	Production	Top Mtl	Back Mtl	Size	VRRM	If	Vf	Vr	Ir	Tj
01	TMBS345-60L	Al	Ag	60mil	45 V	3 A	445mV	50 V	20 μ A	125 °C
02	TMBS345-60G	Ag	Ag	60mil	45 V	3 A	440mV	50 V	20 μ A	125 °C
03	TMBS545-70L	Al	Ag	70mil	45 V	3 A	420mV	50 V	20 μ A	125 °C
04	TMBS545-70G	Ag	Ag	70mil	45 V	3 A	420mV	50 V	20 μ A	125 °C

3A-5A, 60V TMBS, 60mil, Typical Value

No.	Production	Top Mtl	Back Mtl	Size	VRRM	If	Vf	Vr	Ir	Tj
05	TMBS360-60L	Al	Ag	60mil	60 V	3 A	445mV	68 V	20 μ A	125 °C
06	TMBS360-60G	Ag	Ag	60mil	60 V	3 A	450mV	68 V	20 μ A	125 °C

3A-5A, 100V TMBS, 60-70mil, Typical Value

No.	Production	Top Mtl	Back Mtl	Size	VRRM	If	Vf	Vr	Ir	Tj
07	TMBS3100-60L	Al	Ag	60mil	100 V	3 A	550mV	110 V	20 μ A	125 °C
08	TMBS3100-60G	Ag	Ag	60mil	100 V	3 A	550mV	110 V	20 μ A	125 °C
09	TMBS5100-70L	Al	Ag	70mil	100 V	3 A	510mV	110 V	20 μ A	125 °C
10	TMBS5100-70G	Ag	Ag	70mil	100 V	3 A	500mV	110 V	20 μ A	125 °C

10A100V TMBS, 82mil, Typical Value

No.	Production	Top Mtl	Back Mtl	Size	VRRM	If	Vf	Vr	Ir	Tj
11	TMBS10100-82L	Al	Ag	82mil	100 V	3 A	450mV	110 V	20 μ A	125 °C
12	TMBS10100-82G	Ag	Ag	82mil	100 V	3 A	450mV	110 V	20 μ A	125 °C

20A45V TMBS, 118mil, Typical Value

No.	Production	Top Mtl	Back Mtl	Size	VRRM	If	Vf	Vr	Ir	Tj
13	TMBS2045-118L	Al	Ag	118mil	45 V	3 A	375mV	50 V	20 μ A	125 °C
14	TMBS2045-118G	Ag	Ag	118mil	45 V	3 A	375mV	50 V	20 μ A	125 °C

20A60V TMBS, 118mil, Typical Value

No.	Production	Top Mtl	Back Mtl	Size	VRRM	If	Vf	Vr	Ir	Tj
15	TMBS2060-118L	Al	Ag	118mil	60 V	3 A	445mV	68 V	20 μ A	125 °C
16	TMBS2060-118G	Ag	Ag	118mil	60 V	3 A	445.00 V	68 V	20 μ A	125 °C

30A45V TMBS, 130mil, Typical Value

No.	Production	Top Mtl	Back Mtl	Size	VRRM	If	Vf	Vr	Ir	Tj
17	TMBS3045-130L	Al	Ag	130mil	45 V	3 A	360mV	50 V	50 μ A	125 °C
18	TMBS3045-130G	Ag	Ag	130mil	45 V	3 A	360mV	50 V	50 μ A	125 °C

Note: All chip size in this catalog is design size, actual size after cutting is about 1.5mil less than design size.