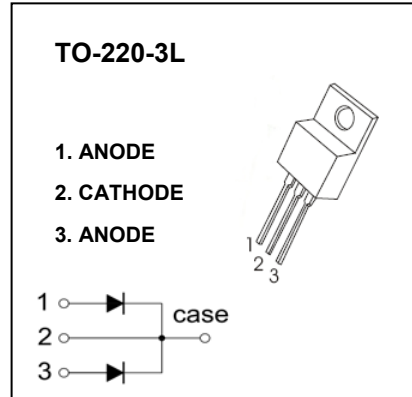**SHENZHEN HAOLIN ELECTRONICS TECHNOLOGY CO., LTD**

TO- 220 SCHOTT KY BARRIER RECTIFIERS

MBR30100CT

FEATURES

- Schottky Barrier Chip
- Guard Ring Die Construction for Transient Protection
- Low Power Loss,High Effciency
- High Surge Capability
- High Current Capability and Low Forward Voltage Drop
- For Use in Low Voltage,High Frequency Inverters,Free Wheeling,and Polarity Protection Applications

TO-220-3L

1. ANODE
2. CATHODE
3. ANODE

Dimensions in millimeters and (inches)

ELECTRICAL CHARACTERISTICS (Tamb=25°C)

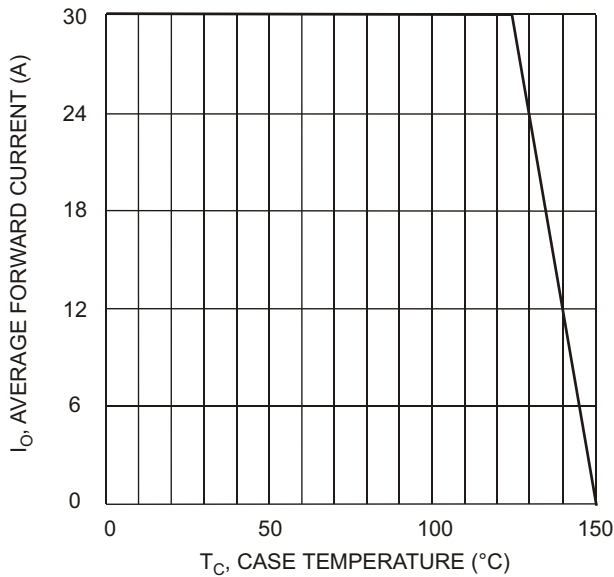| Characteristic	Symbol	MBR30100CT	Unit
Peak Repetitive Reverse Voltage	V_{RRM}		
Working Peak Reverse Voltage	V_{RWM}	100	V
DC Blocking Voltage	V_R		
Average Rectifide Output Current	I_C	30	A
Maximum Instaneous Forward Voltage @I_F =15A,Tc=25 ^{0}C	V_F	0.85	V
Peak Reverse Current @Tc=25 ^{0}C at Rated DC Blocking Voltage @Tc=125 ^{0}C	I_R	30 100	uA
Operating and Storage Temperature Range	T_j ,T_{stg}	-55 to +150	^{0}C

MBR30100 CT 型特性曲线

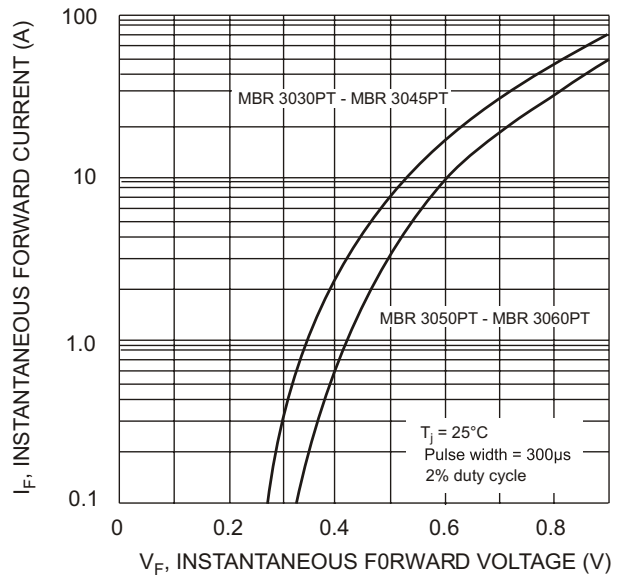Fig. 1 Forward Current Derating Curve, total device

Fig. 2 Typical Forward Characteristics, per element
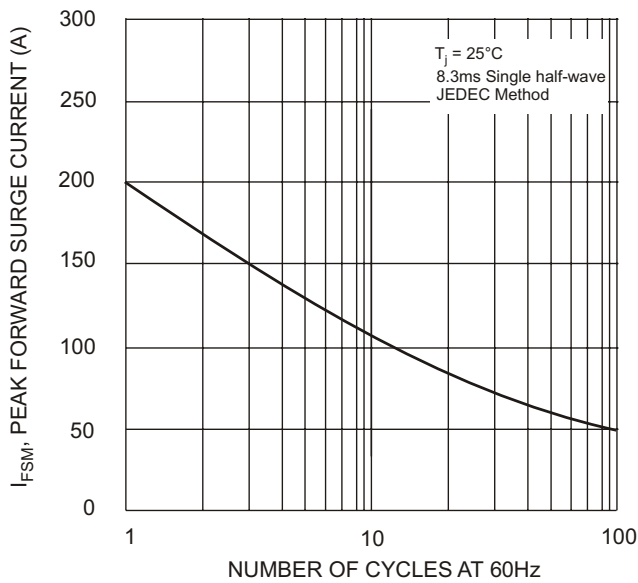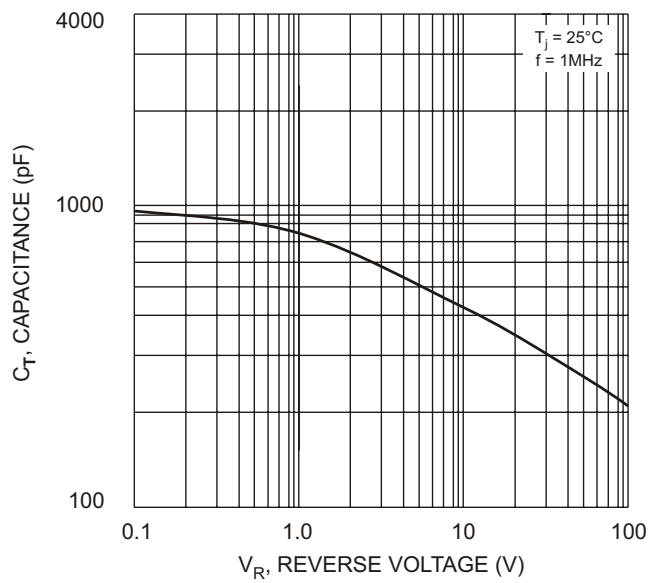

Fig. 3 Max Non-Repetitive Surge Current
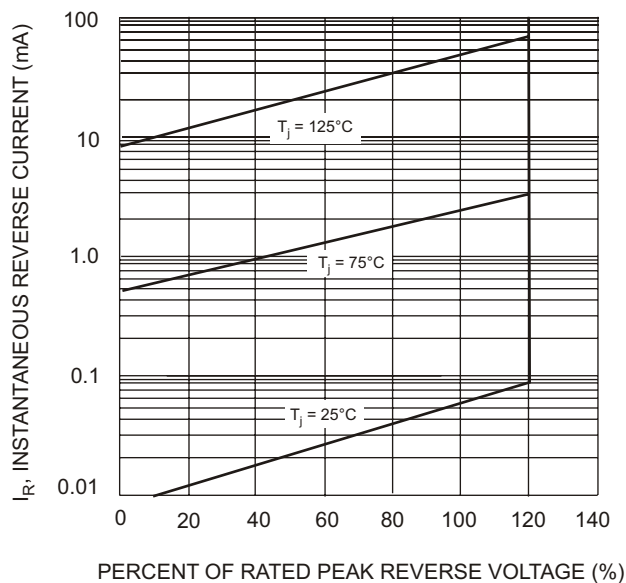

Fig. 4 Typical Total Capacitance

Fig. 5 Typical Reverse Characteristics, per element

2

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Schottky Diodes & Rectifiers *category:*

Click to view products by HL *manufacturer:*

Other Similar products are found below :

MA4E2039   MA4E2508M-1112   MBR10100CT-BP   MBR1545CT   MMBD301M3T5G   GS1JE-TP   RB160M-50TR   BAS 3010S-02LRH E6327   BAT 54-02LRH E6327   NSR05F40QNXT5G   NSVR05F40NXT5G   NTE555   JANS1N6640   SB07-03C-TB-H   SB1003M3-TL-W   SBAT54CWT1G   SBM30-03-TR-E   SK310-T   SK33A-TP   SK34B-TP   SS3003CH-TL-E   PDS3100Q-7   GA01SHT18   CRS10I30A(TE85L,QM   MA4E2501L-1290   MBRB30H30CT-1G   BAS 70-02L E6327   DMJ3940-000   SB007-03C-TB-E   SB10015M-TL-E   SB1003M3-TL-E   SK32A-TP   SK33B-TP   SK35A-TP   SK38B-LTP   SK38B-TP   NRVBM120LT1G   NTE505   NTSB30U100CT-1G   VS-6CWQ10FNHM3   CRG04(T5L,TEMQ)   ACDBA1100LR-HF   ACDBA1200-HF   ACDBA140-HF   ACDBA2100-HF   ACDBA240-HF   ACDBA3100-HF   CDBQC0530L-HF   BAT54-13-F   ACDBA340-HF