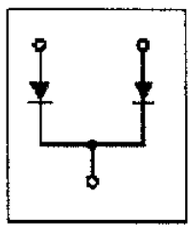
SCHOTTKY BARRIER DIODE

VOLTAGE RANGE: 25 VOLTS
CURRENT: 400mA

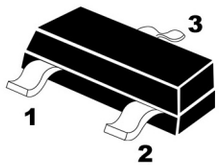
FEATURES

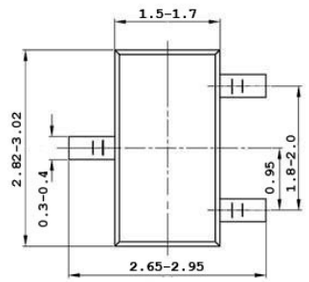
- Small surface mounting type
- Low reverse current and low forward voltage
- High reliability



MARKING: D3Q

SOT-23-3L





Unit: mm

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25℃ ambient temperature unless otherwise specified.

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Parameters	Symbols	Limits	UNITS
Peak Reverse Voltage	V_{RM}	40	V
DC Reverse Voltage	V_R	25	V
Mean Rectifying Current	I_O	400	mA
Peak Forward Surge Current	I_{FSM}	2	A
Junction Temperature	T_{rj}	-40~+125	℃
Storage Temperature	T_{stg}	-30~+85	℃

ELECTRICAL RATINGS

Parameters	Symbols	Test conditions	Min.	Typ.	Max.	UNITS
Forward Voltage	V_{F1}	I_F=10mA			0.3	V
	V_{F2}	I_F=200mA			0.5	V
Reverse Current	I_R	V_R=25V			70	μA