TOSHIBA

Unit in mm

TOSHIBA SCHOTTKY BARRIER RECTIFIER SCHOTTKY BARRIER TYPE

1 F W J 4 3 L

HIGH SPEED RECTIFIER APPLICATIONS

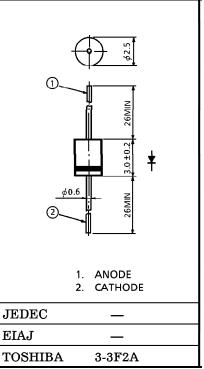
Low Forward Voltage : V_{FM} = 0.40V (Max.)

Average Forward Current : I_{F (AV)} = 1.0A

• Repetitive Peak Reverse Voltage : VRRM=30V

MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	V_{RRM}	30	V
Average Forward Current	I _{F (AV)}	1.0	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	I_{FSM}	20 (50Hz)	A
Junction Temperature	T_{j}	-40~125	°C
Storage Temperature Range	$T_{ m stg}$	-40~125	°C

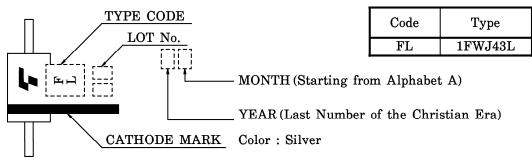


Weight: 0.18g

ELECTRICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC	SYMBO	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	$V_{\mathbf{FM}}$	$I_{\text{FM}} = 1.0 A$	_	_	0.40	V
Repetitive Peak Reverse Current	I_{RRM}	$V_{RRM} = 30V$	_	_	0.8	mA
Junction Capacitance	\mathbf{c}_{j}	$V_R=10V$, f=1MHz	_	60	—	рF

MARKING



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