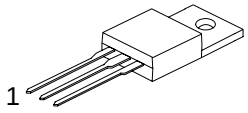
SBL3040C

DIODE

SCHOTTKY BARRIER RECTIFIER DIODES



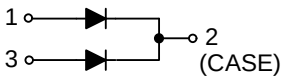
TO-220

*Pb-free plating product number: SBL3040CL

■ FEATURES

* Guard Ring for Transient Protection
* Low Power Loss, High Efficiency
* High Surge Capability
* High Current Capability and Low Forward Voltage Drop

■ SYMBOL



■ ORDERING INFORMATION

Order Number		Package	Pin Assignment			Packing
Normal	Lead Free Plating		1	2	3	
SBL3040C-TA3-T	SBL3040CL-TA3-T	TO-220	A	K	A	Tube

Note: Pin Assignment: A: Anode K: Cathode

SBL3040CL-TA3-T

(1)Packing Type	(1) T: Tube
(2)Package Type	(2) TA3: TO-220
(3)Lead Plating	(3) L: Lead Free Plating Blank: Pb/Sn

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■ ELECTRICAL CHARACTERISTICS (Ta=25°C, unless otherwise specified)

PARAMETER		SYMBOL	RATINGS	UNIT
Maximum Repetitive Peak Reverse Voltage		V_{RRM}	40	V
Maximum non-repetitive Peak Reverse Voltage		V_{RM}	40	V
Maximum DC Blocking Voltage		V_R	40	V
Forward Voltage Drop (I_F=30A, T_C=25°C)		V_F	0.55	V
Average Forward Rectified Output Current (Note 1)	Per Leg	I_{OUT}	15	A
	Per Package		30	A
Peak Reverse Current at Rated DC Blocking Voltage (T_C= 25°C)		I_R	0.45	mA
Operating Temperature		T_J	-55 ~ +150	°C
Storage Temperature		T_{STG}	-55 ~ +150	°C

Notes: 1. Thermal resistance junction to case mounted heat sink.

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