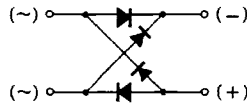


# 05(B, G, J)4B48

○ SINGLE PHASE BRIDGE RECTIFIER APPLICATIONS.

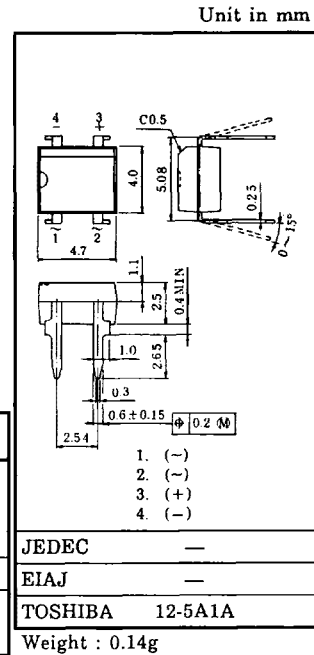
- Repetitive Peak Reverse Voltage :  $V_{RRM}=100\sim600V$
- Average Output Rectified Current :  $I_O=0.5A (T_a=30^{\circ}C)$

POLARITY



MAXIMUM RATINGS

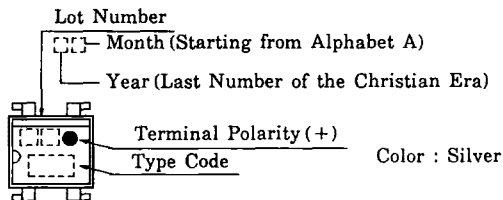
CHARACTERISTIC		SYMBOL	RATINGS	UNIT
Repetitive Peak Reverse Voltage	05B4B48	$V_{RRM}$	100	V
	05G4B48		400	
	05J4B48		600	
Average Output Rectified Current		$I_O$	0.5	A
Peak One Cycle Surge Forward Current (Non Repetitive)		$I_{FSM}$	30 (50Hz)	A
			33 (60Hz)	
Junction Temperature		$T_j$	-40~150	$^{\circ}C$
Storage Temperature Range		$T_{stg}$	-40~150	$^{\circ}C$



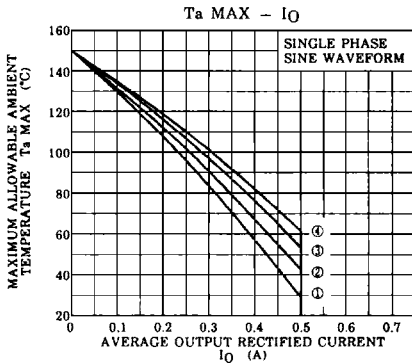
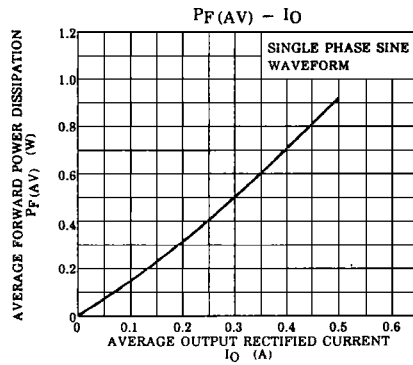
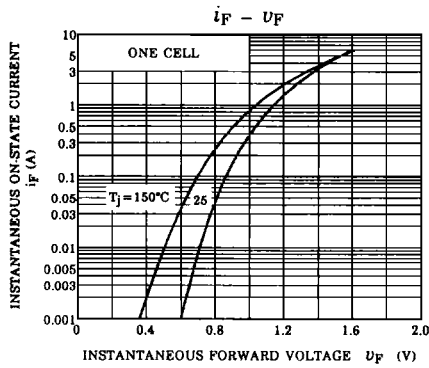
ELECTRICAL CHARACTERISTICS ( $T_a = 25^{\circ}C$ )

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	$V_{FM}$	$I_{FM}=0.4A$	—	—	1.0	V
Repetitive Peak Reverse Current	$I_{RRM}$	$V_{RRM} = \text{Rated}$	—	—	10	$\mu A$
Thermal Resistance (Junction to Ambient)	$R_{th(j-a)}$	DC	—	—	130	$^{\circ}C/W$

MARK



CODE	TYPE
5B	05B4B48
5G	05G4B48
5J	05J4B48



- ① WITHOUT HEAT SINK
  - ② SOLDER LAND 2×2mm
  - ③ SOLDER LAND 5×5mm
  - ④ SOLDER LAND 7×7mm
- $a \times a$  : SOLDER LAND SIZE  
(ON GLASS-EPOXI SUBSTRATE)

