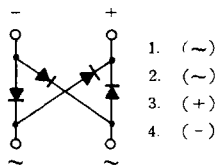


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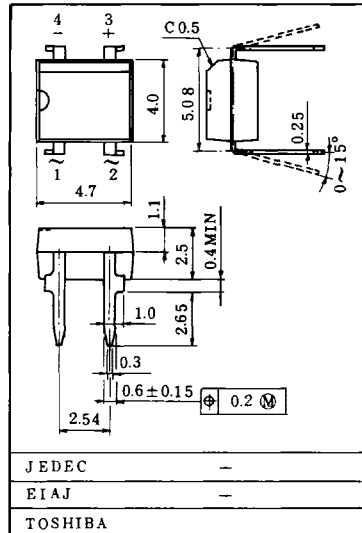
TELECOMMUNICATION APPLICATIONS.

- . Repetitive Peak Reverse Voltage : $V_{RRM}=400V$
- . Average Forward Current : $I_0=0.5A$ ($T_a=47^\circ C$)
- . Dual in Line Type.
- . Plastic Mold Package.
- . Low Loss Type.

POLARITY

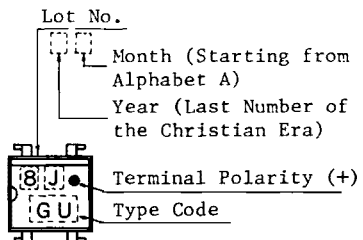


Unit in mm



MAXIMUM RATINGS ($T_a=25^\circ C$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	V_{RRM}	400	V
Average Output Rectified Current	I_0	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	$^\circ C$



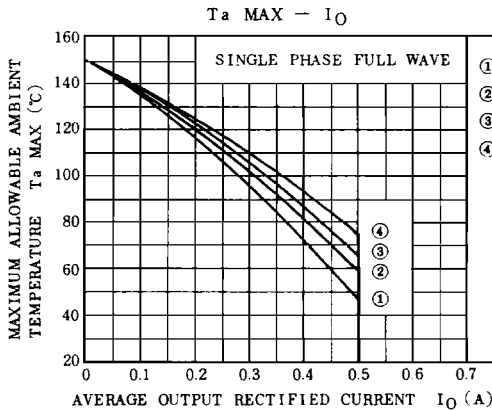
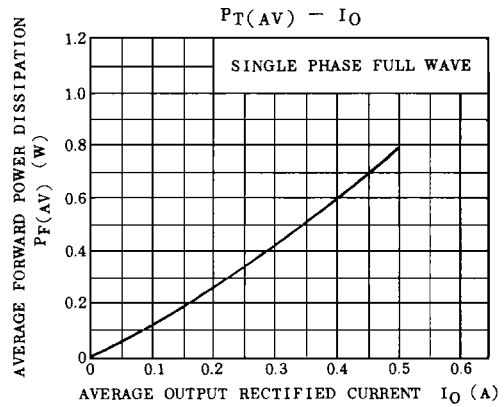
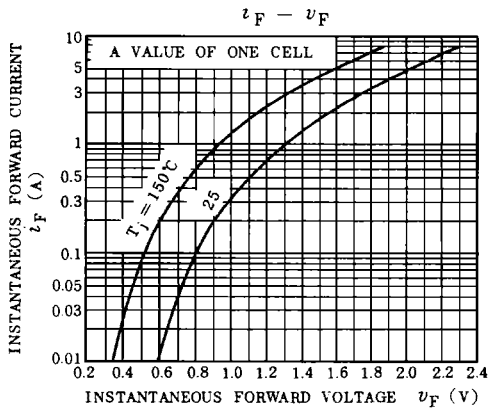
Color: Silver

SYMBOL	DEVICE TYPE
GU	05GU4B48

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

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage (Note)	V_{FM}	$I_{FM}=20mA$	-	-	0.65	V
Repetitive Peak Reverse Current (Note)	I_{RRM}	$V_{RRM}=\text{Rated}$	-	-	100	μA
Thermal Resistance	$R_{th(j-a)}$	Junction to Ambient	-	-	130	$^\circ C/W$

Note: A value of one cell.



- ① NO HEAT SINK
 - ② SOLDER LAND 2 × 2 mm
 - ③ SOLDER LAND 5 × 5 mm
 - ④ SOLDER LAND 7 × 7 mm
- $a \times a$: SOLDER LAND SIZE
(ON GLASS-EPOXI SUBSTRATE)

