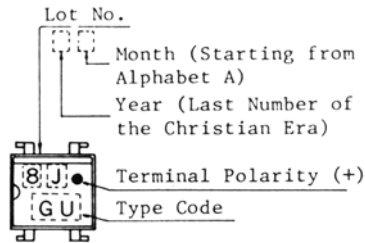
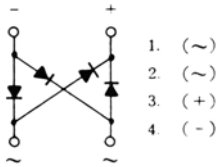


Features

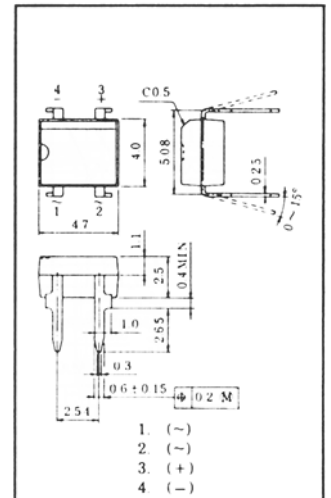
- ◆ Telecommunication applications.
- Repetitive peak reverse voltage : $V_{RRM}=400V$
- Average forward current : $I_o=0.5A$ ($T_a=47^{\circ}C$)
- Dual in line type
- Plastic mold package
- Low loss type



Color:	SYMBOL	DEVICE TYPE
Silver	GU	05GU4B48



Unit in mm



JEDEC	—
JEITA	—
TOSHIBA	12-5A1A
Weight : 0.14g	

Maximum Ratings

Characteristic	Symbol	Ratings	Unit
Repetitive peak reverse voltage	V_{RRM}	400	Volts
Average output rectified current	I_o	0.5	Amp
Peak one cycle surge forward current (Non Repetitive)	I_{FSM}	30 (50Hz) 33 (60Hz)	Amps
Junction temperature	T_j	-40 to +150	$^{\circ}C$
Storage temperature range	T_{STG}	-40 to +150	$^{\circ}C$

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	Volt
Repetitive peak reverse current (Note)	I_{RRM}	$V_{RRM}=\text{Rated}$	-	-	100	μA
Thermal resistance	$R_{\theta(j-a)}$	Junction to Ambient	-	-	130	$^{\circ}C/W$

Notes: A value of one cell.

RATINGS AND CHARACTERISTIC CURVES

