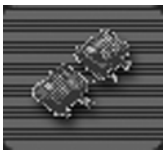
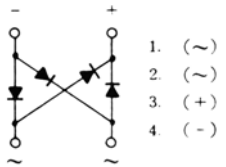
05GU4B48

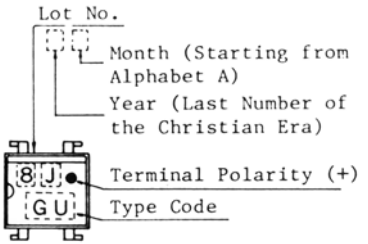
Silicon Diffused Junction Type Rectifier Stack
Reverse Voltage 400 Volts Forward Current 0.5 Ampere

Features



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

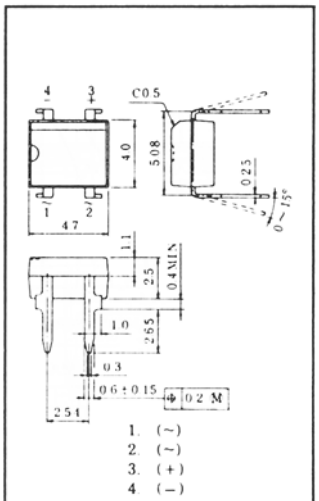




SYMBOL	DEVICE TYPE
GU	05GU4B48

Color: Silver

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	°C
Storge temperature range	T_{STG}	-40 to +150	°C

Electrical Characteristics (T_a=25°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}=Rated	-	-	100	uA
Thermal resistance	$R_{th(j-a)}$	Junction to Ambient	-	-	130	°C/W

Notes: A value of one cell.

RATINGS AND CHARACTERISTIC CURVES

