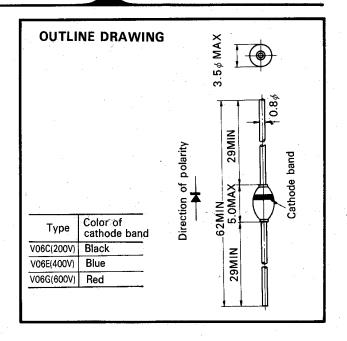
# TYPE VO6

#### FEATURES

- This diode is designed to serve as universal type optimum for use in a variety of electronic devices including control circuits, communication equipments and household electric appliances.
- Compact, lightweight structure with a glass encapsulation dispenses with insulation work and provides a great convenience for build-in wiring.
- Because of strict quality control and steady mass production, uniform characteristics and remarkably high reliability are attained.

### ■特 長

- ●この製品は制御回路,通信機,家電品など各種 電子装置に最適な万能形のダイオードです。
- ●構造は小形,軽量でしかもボデーはガラスです から絶縁は不要であり,組込配線にたいへん便 利です。
- ●厳密な品質管理と安定した量産を行なっていま すので、特性は均一であり、きわめて信頼度の 高いダイオードです。



### ■ MAXIMUM ALLOWABLE RATINGS

	Hitachi Type EIAJ No.		V06C	V06E	V06G
Items Symbols Units			1 S 2080	1 S 2081	1 S 2082
Repetitive Peak Reverse Voltage	VRRM	V	200	400	600
Non-repetitive Peak Reverse Voltage	Vrsm	V	300	500	800
Average Forward Current	Io	A	1.1 (Single-phase, half-wave 180° conduction; ambient)		
Peak One-cycle Surge Current	Ітѕм	Α	25 (10msec conduction, sine half-wave 1 cycle)		
I <sup>2</sup> t Limit Value	I <sup>2</sup> t	A <sup>2</sup> sec	2.65 (Time=2~10msec, I=RMS value)		
Operating Junction Temperature	T ;	${\mathbb C}$	<b>−40~+165</b>		
Storage Temperature	Tstg	C	<b>−40</b> ~+165		
Weight		g		0. 35	

## **■**CHARACTERISTICS

Items	Symbols	Units	Ratings
Maximum Reverse Current	I <sub>RM</sub>		
Maximum Forward Voltage Drop	V <sub>FM</sub>	V	1.75 (Single-phase, half-wave peak value 3.3A; conduction)
Typical Reverse Recovery Time	trr		