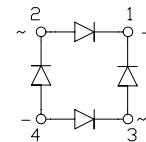
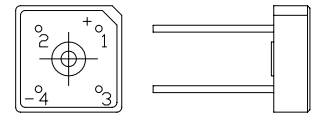


DIODE Type : PB10S6

■ OUTLINE DRAWING

構造 : 単相ブリッジ型シリコン整流器
 Construction: Single Phase Bridge Rectifier
 用途 : 一般整流用
 Application: For General Use



■ 最大定格 / Maximum Ratings

Approx Net weight:8.5g

Rating	Symbol	PB10S6		Unit
くり返しピーク逆電圧 Repetitive Peak Reverse Voltage	V_{RRM}	600		V
くり返しピーク逆電圧 Non-repetitive Peak Reverse Voltage	V_{RSM}	680		V
平均整流電流 Average Rectified Output Current	I_o	10	Ta=40 ,With 200x200x1.5mm,Al-Fin	A
		3.7	Ta=40 ,Without Fin	
サージ順電流 Surge Forward Current Per 1 Arm	I_{FSM}	150	50 Hz 正弦半波, 1サイクル, 非くり返し Half Sine Wave,1cycle,Non-repetitive	A
動作接合温度範囲 Operating JunctionTemperature Range	T_{jw}	- 40 ~ + 150		
保存温度範囲 Storage Temperature Range	T_{stg}	- 40 ~ + 150		
絶縁耐圧 Insuration Withstand Voltage	V_{iso}	1500	端子-裏面ベース間,AC1分間 Terminal to Base,AC 1 min	V
トルク torque	F_W	推奨値 Recommended value		0.5 N・m

■ 電氣的・熱的特性 / Electrical/Thermal Characteristics

Characteristics	Symbol	Conditions	Min.	Typ.	Max.	Unit
ピーク逆電流 Peak Reverse Current Per 1 Arm	I_{RM}	Tj= 25 , $V_{RM}= V_{RRM}$	-	-	5	μA
ピーク順電圧 Peak Forward Voltage Per 1 Arm	V_{FM}	Tj= 25 , $I_{FM}= 5A$	-	-	1.0	V
熱抵抗 Thermal Resistance	$R_{th(j-c)}$	接合部・ケース間 Junction to Case(total)	-	-	3.5	/W

P B 1 0 S 6外形図 (mm)

