



产品规格书

PRODUCT SPECIFICATION

产品规格：GJ-B1601TV-PTS	No.: EN-003(2019-04)	Date Issued: 2022/12/01
Specification: GJ-B1601TV-PTS	Rev. : A.0	Date Revised:
1.6mm BOARD IN TERMINAL CONNECTOR,PLUG TERMINAL		Issued by: Engineering Dept.

Prepared by:	Checked by:	Reviewed by:	Approved by:
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Date Issued	2022/12/01	Data Revised	
Subject: GJ-B1601TV-PTS 1.6mm BOARD IN TERMINAL CONNECTOR,PLUG TERMINAL			Issued By: Engineering Dept.

1.0 Product Name/Part Number & Drawing Number(產品名稱 / 產品型號及圖面型號):

Product Name(產品名稱)	Part Number(零件型號)	Drawing Number(圖面型號)
BOARD IN TERMINAL	GJ-B1601TV-PTS	

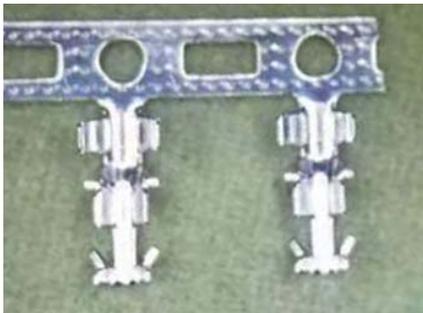
2.0 Construction/Dimensions/Material & Surface Finish(材質以及表面鍍層):

Part Name(零件名稱)	Material(材質)	Surface Finish(表面鍍層)
BOARD IN TERMINAL (基板端子)	Phosphor Bronze	Tin-Plated or(先沖壓後電鍍)

3.0 Characteristic(產品特性):

Item(項目)		Standard(標準規範)	
3.1	額定電流 Rated Current	2A AC/DC With AWG #22 is applied(相對適用於美國電線規格 UL1007 AWG #22)	
3.2	額定電壓 Rated Voltage	250V AC/DC	
3.3	Ambient Temperature Range 環境與操作溫度範圍	(操作使用溫度與濕度範圍) Operating Temp. : -25°C~+105°C ; 85% R.H. Max Including 30°C Terminal Temperature Rise at rated Current , (包括定額電流內，端子所產生 30°C以下溫昇)	
3.4	Applicable Wire 適用電線	3.4.1	(金屬導體之型號) Conductor Construction Size: AWG #22-#26
		3.4.2	(電線絕緣材質外徑) Wire Insulation O.D.: 1.95mm Max
3.5	Storage of Package 包裝未拆封之保存	Temperature and Humidity Condition 溫濕度條件	
		Temperature 溫度 : -10°C~+40°C Percentage Humidity 相對濕度 : 70 % Max	
	Term 保存期限	Terminal	1 Year
3.6	Floor Life 拆封後使用期限	Terminal	3 Months

4.0 Specimen(樣本圖示) :

Part Name / Part Number / Picture or Photograph 零件名稱 / 零件型號 / 樣本圖示	
BOARD IN TERMINAL GJ-B1601TV-PTS	



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5.0 Electrical Performance(電氣性能) :

Item(項目)	Test Condition(測試條件)	Requirement(規格)
5.1 (Low –Signal Level) Contact Resistance (低階信號) 接觸阻抗	A maximum voltage of 20mV and a maximum current of 100mA are applied to the mate connector. (EIA/ECA 364-23C) 對組合狀態下連接器，於其兩端施以最大測試電壓 20mV 以及最大測試電流 100mA (Does not include wire resistance 不包含電線阻抗)	Contact Resistance: 20 milliohms Max. 最大容許值. 20 毫歐姆
5.2 Insulation Resistance 絕緣阻抗	Apply 500V D/C for 1 minute between adjacent contacts to measure the insulation resistance. (EIA 364-21C) 對相鄰兩接觸導體，於一分鐘時間內施予 500V D/C 電壓，並量測其間絕緣阻抗值	Insulation Resistance: Initial 500 megohms Min 最初容許值. 500 兆歐姆
5.3 Withstanding Voltage 耐電壓	Apply 800V A/C (rms) for 1 minute and the leakage current shall not exceed 0.5mA to the adjacent terminal and ground of the mate connectors. (EIA 364-20C) 對組合狀態下連接器，於其相鄰兩導體末端各施以電壓 800V A/C(實效值) 時間 1 分鐘，且漏電流必須小於 0.5mA(毫安培)	No breakdown or flashover. 無損毀或者產生火花

6.0 Remark(備註) : Any change or revision for the product specification will not be announced in advance.

Please contact our sales representative for the latest information.

有關規格書內容經變更或改版，如未能夠及時發佈與通知，煩請連絡我司業務人員以提供產品最新資訊

Reviewed: Tom Shih Approved: Erin Chou Verified: Eddie