



Title: **5.00mm(.197") Terminal:** Vertical, Fork Type, For
PCB Edge Mating in White Goods Harnesses

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REV:
A0

Document NO
SPA5001-01

Product name & Part number

Housing		P/N. YY-A5001-H
Terminal		P/N. YY-A5001-T
Material		
Housing		Nylon 66 UL94V-0
Terminal		Phosphor Bronze, C5191R-H, 0.25mm Thickness
Terminal Plating		120u" min. Tin over 30u" Nickel

Mounting

PCB Mounting		Straddle
Polarized to PCB		No
PCB Thickness		1.5mm(.06")

Electrical

Current-max(amps) 最大容許電流		6.0A
Voltage-max(volts) 最大容許電壓		250V
Withstanding Voltage 耐電壓		1000V AC
Contact Resistance(ohms)接觸組抗		12 milliohms max.
Insulation Resistance(ohms)絕緣組抗		1000 Megohms min.

Mechanical

Mating Force-max.(per circuit)插入力		4.0N (0.90 lb)
Unmating Force-min.(per circuit)拔出力		1.0N (0.22 lb)
Contact Retention Force-min.(per circuit)固持		80.0N (17.98 lb)
Crimping Pullout Force (Axial)打包拉		AWG 18 - 9.1Kg Min.
		AWG 20 - 8.2Kg Min

Reference

Pitch / Center Spacing 產品間距		5.00mm
Wire Size (AWG) 線材規格		19, 20
Terminal Insulation Diameter 端子絕緣		2.80mm
Termination Method		Crimp, Vertical
Use With		PCBs
Temperatur Range 環境溫度		-40°C ~+105°C
Terminal Package 端子包裝方式		Reel
Features		Double Cantilever
		Lanceless

CREATED

CHECKED

APPROVED

DATE

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2006/5/30