

GENESIS TECH ELECTRONICS INC.

PRODUCT SPECIFICATION
GENESIS PN: 321-10452-XX



genesis
connected solutions

SPECIFICATION FOR APPROVAL

CUSTOMER:

CUSTOMER PART NO:

PART NO: **321-10452**

REVISION: **PSA**

DESCRIPTION: 1.25mm Pitch Wafer Conn. SMT R/A

	MANUFACTURE SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY:	Hill	
DATE:	2021.11.03	

GENESIS TECH ELECTRONICS INC.
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Electrical/Mechanica/ Environmental specification

1	CONTACT RESISTANCE 接触阻抗	Mate connectors,measure by dry circuit, 20mV MAX.,10mA (Based upon EIA-364-24B.)	10 milliohms MAX.	
2	INSULATION RESISTANCE 绝缘阻抗	Mate connectors,apply 500V DC between adjacent terminal or ground. (Based upon EIA-364-21C)	1000 Megohms MIN.	
3	DIELECTRIC STRENGTH 耐电压	Mate connectors,apply 1000V AC(rms) for 1 minute between adjacent terminal or ground.(Based upon EIA-364-20C)	No Breakdown	
4	PIN RETENTION FORCE 保持力	Apply axial push force at the speed rate of 25+3mm/minute. (Based upon EIA-364-29B)	1.5Kg MIN/PIN	
5	TEMPERATURE RISE 温升	Carrying rated current load.(UL 498)	TEMPERATURE RISE 温升	TEMPERATURE RISE 温升
6	VIBRATION 耐振动性	Amplitude: 1.5mm P-P Sweep time:10~55~10 Hz In 1 minute Duration:2 hours in each X.Y.Z.axes (Based upon MIL-STD-202 Method 201)	Appearance 外观	No Damage
			Contact Resistance 接触阻抗	20 milliohms MAX.
			Discontinuity 瞬断	1 microsecond MAX.
7	PHYSICAL SHOCK 耐冲击性	490m/s ² {50G},3 Strokes in each X.Y.Z.axes.(Based upon JIS C0041MIL-STD-202 Method 213)	Appearance 外观	No Damage
			Contact Resistance 接触阻抗	20 milliohms MAX.
			Discontinuity 瞬断	1 microsecond MAX.
8	HEAT RESISTANCE 耐热性	85 +2°C,96 hours (Based upon JIS C0021/MIL-STD-202 Method 213)	Appearance 外观	No Damage
			Contact Resistance 接触阻抗	20 milliohms MAX.

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9	COLD RESISTANCE 耐寒性	-25+3°C, 96 hours (Based upon JIS C0020)	Appearance 外观	No Damage
			Contact Resistance 接触 阻抗	20 milliohms MAX.
10	HUMUDITY 耐湿性	Temperature: 60°C Relative Humidity: 90~95% Duration: 96 hours (Based upon EIA-364-31B)	Appearance 外观	No Damage
			Contact Resistance 接触 阻抗	20 milliohms MAX.
			Dielectric Strength 耐电压	Must meet 6-3
			Insulation Resistance 绝缘 阻抗	100 Megohms MIN.
11	TEMPERATURE CYCLING 温度循环	5 cycles of: a) -55°C 30 minutes b) +85°C 30 minutes (Based upon JIS C0025)	Appearance 外观	No Damage
			Contact Resistance 接触 阻抗	20 milliohms MAX.
12	SALT SPRAY 盐雾	24+4 hours exposure to a salt spray form the 5+1% solution at 35+2°C (Based upon EIA- 364-26B)	Appearance 外观	No Damage
			Contact Resistance 接触 阻抗	20 milliohms MAX.