

				SPECIFICATION					
TITLE			SPO	C. NO.		PAGE	1	OF	6
	PIN JAC								
SPEC	CIFICATION	N							
1. St	andard atmo	spheric con	dition						
		1	·	0	atmospheric co	nditions for makin	ıg		
	measurements and tests are as follows Ambient temperature 5 to 35								
	Relative humidity 45% to 85%								
Air pressure 85kPa to 106kPa									
If there is any doubt about the results, measurements shall be made within the following limits									
Ambient temperature 20 1									
Relative humidity 60% to 70%									
Ai	r pressure	861	kPa to 106k	Pa					
2. Co 2.1 M N 2.2 C T n 2.3 C C t	Connection ti The pin jack s nutually sepa Creepage dist Creepage dist nese distance	or range of l ming shall be performed terminance and sp ance and sp ance and sp ance and spacin	between the mitted with nals or sprin pacing bacing betwe g shall be m	connection gs of the pi een mutually naintained w	timing whether n jack, during th y insulated parts	jack shall be not re shorting or not be he plug inserting a s shall be 0.3mm n he gauge plug inse	tween and ext ninimu erted.	the tracting	5-
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	3. Electrical cl	haracteristics				
	Item	Cc	ondition	Specifications		
1	Rated voltage Rated current			DC 34	IV 2A	
2	Insulation resistance	between mutually insulated metal parts after which			MIN.	
3	Contact resistance	Measurement shall be made 100mA MAX.	30 m	MAX.		
4	Dielectric strength			Without damage to parts arcing or breakdown, etc.		
	4. Mechanical	characteristics				
	Item	Cc	ndition	Specifi	cations	
1	Operating force	The insertion force and the measured with the gauge pl attached.		Insertion 29.4N Withdraw 0.98N to 29 0.1kgf to	3kgf al force	
2	Terminal strength	Every terminal shall be capa 4.9N 0.5kgf for 10 sec	able of withstand a force of conds.	Without cracks or		
	Loosen	The terminal shall be capab	le of withstand a force of	excessive loo terminal, but		
3	strength of contact	1	ny direction for 10 seconds.	of terminal is Electrical and	authorized.	

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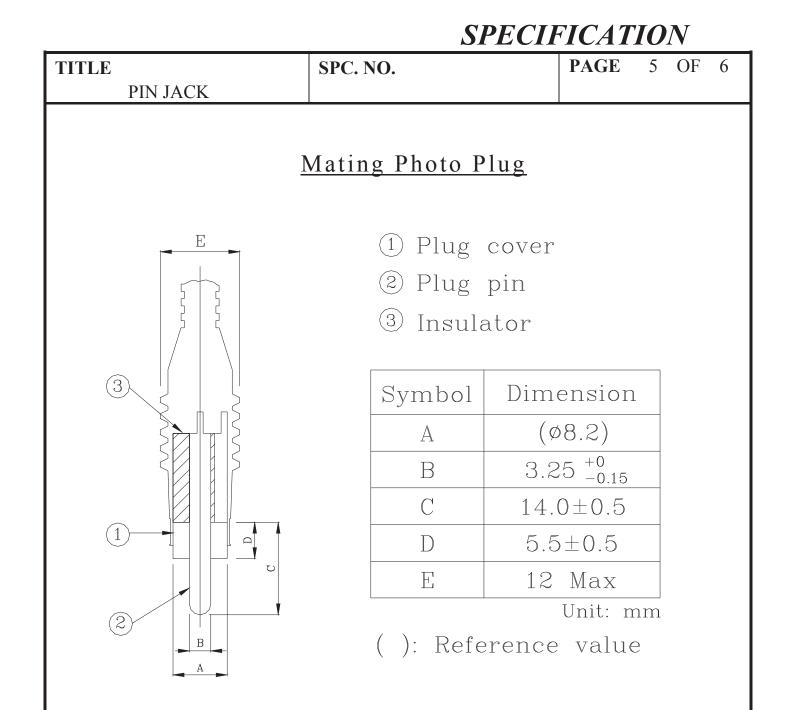
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	5. Endurance characteristics							
	Item	Condition	Specifications					
1	Operating endurance	The life test shall consist of 150 cycles of insertion and withdrawal with gauge plug covered with a thin coat of grease in order to prevent from heating or wearing, at a rate of 20 to 30cycles per minutes under no load.	Electrical and mechanical Characteristics shall be satisfied.					
2	Humidity test	Temperature 40 2 Relative humidity 90 95 for 96 hours. The testing jack shall be left alone for 30 minutes in a room ambient, before measurement shall be made.	Electrical and mechanical Characteristics shall be satisfied. Insulation resistance 50 M MIN.					
3	Dry heat	 The pin jack shall be subjected to temperature of 70 2 for a period of 96 hours, then shall be allowed to remain in room ambient conditions for 30 minutes. 	Electrical and mechanical					
4	Cold	The pin jack shall be subjected to temperature of 25 3 for a period of 96 hours, then shall be allowed to remain in room ambient conditions for 30 minutes.	Characteristics shall be satisfied.					
5	Resistance to soldering heat test	The terminal for a printed circuit board Temperature of solder 260 5 Dip time 5 1 seconds The terminal for a lead wire Temperature of solder 350 10 Dip time 3 1 seconds	Electrical and mechanical Characteristics shall be Satisfied, and not show remarkable failure.					
6	Composite temperature/ humidity cyclic test	The pin jack shall be subjected to the conditions as shown in below, and then shall be returned and allowed to remain in room ambient condition for 30 minutes.	Characteristics shall be Satisfied.					

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	Item	Condition	Specifications			
7	Soldering test	Temperature of solder2305Time of dip30.5 secondsLength of dip20.5mmfrom top of terminal	The soldered area shall be covered a minimum of 90 of the surface being immersed.			

6. Amendment

When the amendment of this specification comes into necessity, it shall be made by the mutual consultation and agreement between manufacturer and customer.



Note: Eccentricity to central axis shall be 0.15 mm or less.