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	DAT	E		СНК	D APVD					NS	
	DAT	E		СНК	D APVD					NS	
	DAT	E		СНК	D APVD					NS	

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	4. Electrical of	characteristics	1		
	Item	С	condition	Specifications	
1	Low Level Contact Resistance				
2	Dielectric withstanding Voltage		AC(rms) at 60Hz for 1 minute or ground.	No Breakdown	
3	Insulation Resistance	Mated plugs,apply 500V I adjacent terminal or groun EIA-364-21		500 MΩ Min	

#### 6. Mechanical characteristics

	Item	Condition	Specifications
1	Solderability	Solderability temperature: 245°C±5°C. Immersion duration: 3 seconds.	Wet solder coverage: 95%Min
2	Vibration	Mate plugs and subject to the following vibration conditions:Random Vibration 3 mutually perpendiculatly.10~2000Hz,0.02G2/Hz 20 minutes per plane EIA-364-28	Appearance:No Damage Contact Resistance:30 mΩ Max
3	Mechanical shock	Mate plugs and subject to the following shock conditions,3shocks shall be applied along 3 mutually perpendicular axes, passing DC 100MA current during the test.(Total of 18 shocks) Test Pulse:Half Sine Peak Value:30G Duration:11ms EIA-364-27	Appearance:No Damage Contact Resistance:30mΩ Max
4	Durability	Mated/un-mated up to 10,000 cycles repeatedly at maximum rate of 500 cycles per hour.(When manually operated, mating speed should be below 200 cycles per hour.) EIA-364-09	Appearance:No Damage Contact Resistance:30mΩ Max

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5	Mating and Unmating Force	Mating/un-mating at a rate of 12.5mm per minute. EIA-364-13				Mating Force: 35N(3.6kgf) Max. Unmating Force: 8N(0.8kgf) Min 25N(2.58kgf)Max
6	Thermal shock	Mate plugs and sub cycles, Upon comp specimens shall be the specified meaau 1 cycle a) -55±3°C 3 b) +85±2°C EIA-364-32C	letion of the conditions fo urements shat	exposure pe or 1 to 2 hou	Appearance:No Damage Contact Resistance:30mΩ Max	
7	Reflow Heat Resistance Test	pre-heat:150°C~18 Peak temperature:2 220°C above,30~6 (°C) 250 220 180 150	$245^{\circ}C \pm 5^{\circ}C (1)$ Osec within	10 sec withi	Within	Electrical characteristics shall be satisfied. No any damage after reflow.
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8	Cyclic Humidity	clause. Upon comp specimens shall be	and expose to humidity in 7 cycles 7 letion of the exposure period, the test conditioned at ambient room 2 hours, after which the specified l the performed.	Appearance:There shall be no remarkable corrosion Contact Resistance:30mΩ Max
9	Temperature Life	Subject mated samp hours. EIA 364-17B	ples to temperature life at $85^{\circ}$ C for 96	Appearance:No Damage Contact Resistance:30mΩ Max
10	Water Proofness	This product is base	ed on IPX7(1m,30min)	Appearance:Without leaking

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#### 7. Amendment.

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