

Reliability Test Items And Conditions

The reliability of products shall be satisfied with items listed below.

Confidence level : 90%

LTPD : 10%

Test Items	Test Conditions	Quantity	Judging Criteria
Solderability	Solder Temperature: 300°C Solder Duration: (3.5±0.5) sec.	15	Solderable Area Over 95%
Thermal Shock Followed by High Temperature And High Humidity Cyclic	-40° → 10 min 5 Cycles ↑ ↓ shift (2~3) min 100°C → 10 min. 25°C~55°C (90%~95%) RH 2 Cycles for 48 hrs., Recover for 2 hrs.	11	C=0 & I**
Resistance For Soldering Heat	Reflow Soldering	15	C=1 & I**
DC Operating Life	1000 hrs. Forward Current: 25mA	22	C=1 & I**
High Temperature Storage	100°C → 1000 hrs.	15	C=1 & I**
High Temperature And High Humidity Cyclic	25°C~55°C (90%~95%) RH 6 Cycles for 144 hrs., Recover for 2 hrs.	11	C=1 & I**

The technical information shown in the data sheets are limited to the typical characteristics and circuit examples of the referenced products. It does not constitute the warranting of industrial property nor the granting of any license.

Note: Specification are subject to change without notice. For more detail and update, please visit our website.