

Date 20-Aug-07
Subject № 7820e

Announcement for appearance change of case in SUC1R5,SUC3 series

We hope this letter finds you well and we always appreciate your business with us.
We would like to make a following announcement of change and ask for your understanding.

Contents

1.Description of the change

We will change appearance of a metal cover case for SUC1R5,SUC3.

The reason is to increase push pull strength.

Picture 1.1 is showing previous metal case. Picture 1.2 is new designed one.

There is no difference in the specification and approved safety standards of power supplies.

This change does not influence any dimensions and foot prints.

(1)Applicable Models

SUC1R5 and SUC3 : All models

(2)Details of change



:differences of external view



Picture 1.1 Previous metal case

Picture 1.2 New designed metal case

(3)Schedule

This change will be applied to the production from first of October, 2007.

*Actual applicable date will depend on the component inventory.

Thank you for your understanding.

Best Regards.

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General Manager
OS Design Dept.
COSEL.Co.,Ltd.



**SUC1R5/3 series Reliability test results
with the case appearance change**

Aug 20, 2007
COSEL CO.,LTD.
OS DESIGN DEPT.

No.	Test Item	Testing conditions	Conditions of acceptability	Number of samples	Number of failures
1	Heat cycle	(1)-40°C ~ 125°C 30minutes each (2)800cycles	(1)No electric failure after the test. (2)No solder crack.	5	0
2	High temperature/High humidity bias	(1)85°C85%Rh168H	(1)No electric failure after the test.	3	0
3	Vibration	(1)f=10~55Hz,98.0m/s ² (10G) (2)3minutes period (3)60 minutes each along X,Y and Z axis	(1)No electric failure after the test. (2)No solder crack. (3)No serious mechanical damage appearance.	3	0
4	Impact	(1)490.3m/s ² (55G),11ms (2)Once each X,Y and Z axis	(1)No electric failure after the test. (2)No solder crack. (3)No serious mechanical damage appearance.		
5	Withstand voltage (High-pot test) Case-Output Case-Input.	(1)No Input (2)The applied voltage is 1.4 times higher voltage than the specification	(1)Insulation breakdown ,flashover or electric arc is not occurred.	1	0
6	Isolation resistance	(1)No Input	(1)Isolation resistance is 1.4 times or more than the specification.	1	0
7	Line conduction	(1)Rated input and load	(1)Meet standard as follow. FCC Part15 classB , VCCI classB CISPR22 classB , EN55022-B	1	0
8	Radiated emission	(1)Rated input and load	(1)Meet standard as follow. FCC Part15 classB , VCCI classB CISPR22 classB , EN55022-B	1	0
9	Static electricity immunity	(1)Applied voltage ±8kV (2)Rated input and load	(1)No work into any protection. (2)No output voltage drop with uncontrol condition. (3)No failure.	1	0
10	Electrical fast transient/burst immunity	(1)Rated input and load	(1)No work into any protection. (2)No output voltage drop with uncontrol condition. (3)No failure.	1	0
11	Radiated, radio-frequency, electromagnetic field immunity	(1)Rated input and load (2)Frequency 80MHz~1000MHz 900MHz±5MHz (3)Magnetic field strength 12[V/m]	(1)No work into any protection. (2)No output voltage drop with uncontrol condition. (3)No failure.	1	0