



Date: March 10, 2023

PCN No#: 031023-1

PCN Title: Add 2nd source for SRL05-TP

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Micro Commercial Components Corp(MCC) .We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local sales representative to acknowledge receipt of this PCN.

If you have any questions about PCN's products, please contact your local sales representative.


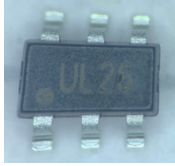
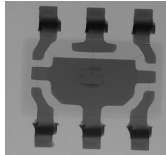
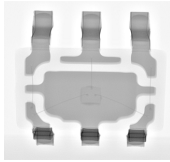
Sincerely,

MCC PCN Team

PRODUCT CHANGE NOTICE

Notification Date	Implementation Date	Change Type	PCN No
March 10, 2023	June 10, 2023	Major	031023-1
TITLE			
Add 2nd source for SRL05-TP			
DESCRIPTION OF CHANGE			
To improve our current lead time for SRL05-TP, add 2nd source for this product. Full electrical characterization and high reliability testing has been completed to ensure there is no change to device functionality or electrical specifications in the datasheet.			
IMPACT			
No change in datasheet electrical parameters and product performance. Table A: Appearance & X-ray comparison;			
PRODUCTS AFFECTED			
SRL05-TP			
WEB LINKS			
Terms And Conditions:	https://www.mccsemi.com/Home/TermsAndConditions		
For More Information Contact:	https://www.mccsemi.com/Contact/Index		
Products:	https://www.mccsemi.com/ProductCategories		
DISCLAIMER			
Unless a MCC Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.			

Table A - Appearance comparison

Product	Item	Current	New
SRL05-TP	Marking		
	X-Ray		

Reliability Report

Part Number: SRL05-TP

Date: 2023-03-10

Test Results : **PASS**

Test Item	Conditions	Duration	Quantity	Rejects
TEST				
Pre- and Post-Stress Electrical Test	T _a = 25 °C	N/A	all parts	see below
* Pre-conditioning for MSL 1	JESD22A-113 1.Temperature Cycling:-40 °C ~ 60 °C , 2.Bake:125 °C , 3 Moisture Soak:85 °C , 8 5%RH for MSL1; 4. Reflow*3Cycles:260 °C	5Cycles; 24 hours; 168hours 3Cycles	308Pcs	0
HTRB High Temperature Reverse Bias	MIL-STD-750 Method 1038 T _j = T _{jmax} , 100% VR	1000 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 -55 °C (+0,-10)/15Min~ 150(+15,-0)/15Min,	1000Cycles (500hours)	77Pcs	0
AC Autoclave	JESD22-A102 T _a = 121 °C±2 °C , RH = 100 % , 15psig	96 hours	77Pcs	0
H3TRB High Humidity High Temperature Reverse Bias	JESD22-A101 T _a = 85 °C±2 °C , RH = 85%±5% , 100 % VR (VR MAX=100V)	1000 hours	77Pcs	0
RSH Resistance to Solder Heat	JESD22-B106 260 °C (+ 5 , - 0)	10 s	30Pcs	0
SD Solderability	J-STD-002 235 °C ± 5 °C	3 s	10Pcs	0
HTSL High Temperature Storage Life	JESD22-A103 TstgMax	1000 hours	77Pcs	0

*Remark : detail MSL of product refer to data sheet on MCC website.