

Title of Change:	Rectron RS-2M package/making PCN
Proposed first ship date	1-Jun-21
Contact information:	Please contact Rectron Semiconductor Sales Office or visit www.rectron.com for nearest contact information.
Samples:	Please contact Rectron Semiconductor Sales Office or visit www.rectron.com for nearest contact information. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.
Additional Reliability Data:	Please contact Rectron Semiconductor Sales Office or visit www.rectron.com for nearest contact information.
Type of notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. Rectron Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, please visit www.rectron.com for nearest contact information
Change Part Identification:	Model unchanged
Change Category:	<input type="checkbox"/> Material <input checked="" type="checkbox"/> Machine/Tooling <input type="checkbox"/> Method <input type="checkbox"/> Manufacture site <input type="checkbox"/> Man
Change Sub-Category(s):	<input type="checkbox"/> Manufacturing Site Transfer <input type="checkbox"/> Material Change
Last order date for old parts	
Description and Purpose:	Rectron RS-2M package dimensions range update. Rectron RS-2M body making , old making is print process, new making is laser process .

Point:	Change	Before change Description	After change Description
B	Old:19.5-20.5mm New:19.5-20.6mm	<p>*Dimensions in inches and (millimeters)</p>	<p>*Dimensions in inches and (millimeters)</p>
D1	Old:2.1-2.5mm New:1.2-2.5mm		
D2	Old:1.6-2.0mm New:1.2-2.0mm		
E	Old:0.9-1.1mm New:0.9-1.2mm		
F	Old:0.4-0.6mm New:0.38-0.6mm		
I	Old:17.8-18.8mm New:12.7-18.8mm		
J	Old:4.9-5.3mm New:4.8-5.3mm		

Reliability Data Summary:			
QV DEVICE NAME:			
Hi-real test	Sample size(PC)	Condition	ACC/REJ
High Temperature Reverse Bias	77	Ta=150°C±5°C VR=480V. for 1000 Hrs.	ACC
Thermal Fatigue Testing	77	ON : 300 sec / Off : 300 sec for 1000 cycles	ACC
Solder resistance	77	260±5°C for 10±2 Sec.	ACC
Thermal Shock	77	55°C±5°C/5MIN AND 150±5°C/5MIN for 100 cycles	ACC
Electrical Characteristic Summary:		Electrical characteristics are not impacted	
List of Affected Parts:		Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customerspecific PCN addendum in the PCN email notification, or on the PCN Customized Portal.	
Part Number	New spec	Addition	Mark
RS201M RS202M RS203M RS204M RS205M RS206M RS207M 201704-B	RS201M RS202M RS203M RS204M RS205M RS206M RS207M 202012-C	Including to House #	
RS205M-B-C-E01_Recron 2012-B	RS205M-B-C-E01_Recron 202012-111-C	Including to House #	
4RS201M 4RS202M 4RS203M 4RS204M 4RS205M 4RS206M 4RS207M 201905-A	4RS201M 4RS202M 4RS203M 4RS204M 4RS205M 4RS206M 4RS207M 202012-B	Including to House #	
4RS207M-C-A01 201912-O	4RS207M-C-A01 202012-A	Including to House #	
4RS207M-C-S-A01 202003-A	4RS207M-C-S-A01 202012-B	Including to House #	
RS405M-C-S-F01 201502-A	RS405M-C-S-F01 202011-B	Including to House #	
RS405M-C-S-V51 201409-A	RS405M-C-S-V51 202011-B	Including to House #	
RS405M-C-S-WS 201307-A	RS405M-C-S-WS 202011-B	Including to House #	
RS405M-C-S-K50 201301-O	RS405M-C-S-K50 202012-A	Including to House #	
RS405M-C-C-K50 201301-A	RS405M-C-C-K50 202012-B	Including to House #	
RS407M-C-S-K50 201702-O	RS407M-C-S-K50 202012-A	Including to House #	

V-AE19A1
Rev:C