

<b>Title of Change:</b>	RS-1M package size change.
<b>Proposed first ship date</b>	
<b>Contact information:</b>	Please contact Rectron Semiconductor Sales Office or visit <a href="http://www.rectron.com">www.rectron.com</a> for nearest contact information.
<b>Samples:</b>	Please contact Rectron Semiconductor Sales Office or visit <a href="http://www.rectron.com">www.rectron.com</a> for nearest contact information. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.
<b>Additional Reliability Data:</b>	Please contact Rectron Semiconductor Sales Office or visit <a href="http://www.rectron.com">www.rectron.com</a> for nearest contact information.
<b>Type of notification:</b>	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 <a href="http://www.rectron.com">www.rectron.com</a> for nearest contact information
<b>Change Part Identification:</b>	Model unchanged
<b>Change Category:</b>	<input type="checkbox"/> Material <input checked="" type="checkbox"/> Machine/Tooling <input type="checkbox"/> Method <input type="checkbox"/> Manufacture site <input type="checkbox"/> Man
<b>Change Sub-Category(s):</b>	<input type="checkbox"/> Manufacturing Site Transfer <input type="checkbox"/> Material Change <input checked="" type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Manufacturing Site Addition <input type="checkbox"/> Other:
<b>Last order date for old parts</b>	
<b>Description and Purpose:</b>	About RS-1M package , old molding tools phased out, new molding tools phase in .

Point:	Change	Before change Description	After change Description
1.Body length	Old max 14.8mm, min 14.2mm new max 14.7mm, min 14.3mm		
2.Body width	Old max 10.7mm, min 10.3mm new max 11.3mm, min 10.9mm		
3.Body thickness	Old max 3.7mm, min 3.3mm new max 3.2mm, min 2.8mm		
4.Pin pitch	Old max 4.1mm, min 3.8mm new max 3.9mm, min 3.7mm		

Reliability Data Summary:			
QV DEVICE NAME:		RS1M	
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
<b>Electrical Characteristic</b>		Electrical characteristics are not impacted	
<b>List of Affected Parts:</b>		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		Addition	Mark
2RS101M 2RS12M 2RS103M 2RS104M 2RS105M 2RS106M 3RS107M		Including to House #	
3RS107M		Including to House #	
3RS107M-C-CL2		Including to House #	