

Title of Change:	Rectron RB-15 package PCN
Proposed first ship date	21-Sep-20
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 <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:
Last order date for old parts	
Description and Purpose:	About Rectron RB-15 package , . . old molding tools phased out, new molding tools phase in .

Point:	Change	Before change Description	After change Description
1.Body height	Old max 3.8mm, min 3.3mm new max 5.5mm, min 3.3mm		

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
RB151 RB152 RB153 RB154 RB155 RB156 RB157 Version 202007-D	RB151 RB152 RB153 RB154 RB155 RB156 RB157 Version 202008-E	Including to House #	