RECT	RON	Final Product/Mterial Change Notification Document #: RC-2 PCN Issue Date: 2020/8/21 PCN#: 2020082102RC2		
Title of Change:		Rectron RC2 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. 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.		
Samples:				
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 ofdelivery of this notice. To do so,Please visit www.rectron.com for nearest contact information		
Change Part Identification:		Model unchanged		
Change Category:		£ Material ■Machine/Tooling £Method £Manufacture site £Man		
Change Sub-Category(s):		£Manufacturing Site Transfer		
Last order date for old parts				
Description and Purpose:		About Rectron RC2 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	1-1 360 (9.1) 340 (8.6) 130 (3.3) 13		
		220 (5.6) .180 (4.6) .220 (5.6) .180 (4.6)		

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		
W005L W01L W02L W04L W06L W08L W10L Version 202005-C	W005L W01L W02L W04L W06L W08L W10L Version 202008-D	Including to House #	MAIK		
RC201 RC202 RC203 RC204 RC205 RC206 RC207 Version 202005-E	RC201 RC202 RC203 RC204 RC205 RC206 RC207 Version 202008-F	Including to House #			
			V.AFI9A1		

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