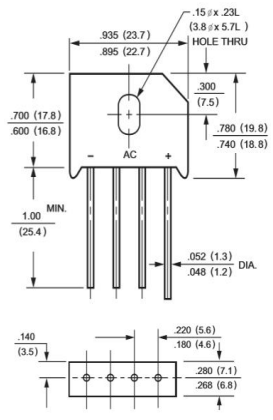
RECTRON SEMICONDUCTOR

Final Product/Material Change Notification
Document #: RS-6/RS-8
Issue Date: 2020/4/6
PCN#: 20200406RS6RS8

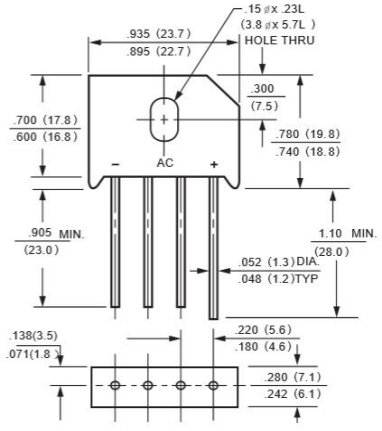
Title of Change:	RS-6/RS-8 package size change.
Proposed first ship date	
Contact information:	Please contact Rectron Semiconductor Sales Office or visit www.rectron.com for nearest contact information.
Samples:	Please contact Rectron Semiconductor Sales Office or visit www.rectron.com for nearest contact 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 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 ☐Material Change ■Datasheet/Product Doc change ☐Manufacturing Process Change ☐Product specific change ☐Shipping/Packaging/Marking ☐ Manufacturing Site Addition ☐Other:
Last order date for old parts	
Description and Purpose:	About RS-6/RS-8 package , old molding tools phased out, new molding tools phase in .

Point:	Change
1.Lead pin to Body edge between to distance	add max /min limits only max 3.5mm , new max 3.5mm/min1.8mm
2.Package thickness	Old max 7.1mm, min 6.8mm new max 7.1mm, min 6.1mm

Before change Description



After change Description



Reliability Data Summary:			
QV DEVICE NAME:		RS-6/RS-8	
Hi-real test	**Sample size(PC)**	**Condition**	**ACC/REJ**
High Temperature Reverse Bias	77	Ta=150℃±5℃ 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℃ for 10±2 Sec.	ACC
Thermal Shock	77	55℃±5℃/5MIN AND 150±5℃/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		**Addition**	**Mark**
RS601 RS602 RS603 RS604 RS605 RS606 RS607		Including to House #	
RS801 RS802 RS803 RS804 RS805 RS806 RS807		Including to House #	
RS807-B-S-HL		Including to House #	
RS603-B-S-50		Including to House #	
RS605-B-S-T50		Including to House #	
RS605-B-S-R01		Including to House #	
RS606-B-S-R01		Including to House #	
RS606-B-S-R02		Including to House #	
RS605-C-S-V50		Including to House #	
RS605-RCA		Including to House #	
RS606-RCA		Including to House #	
RS605-B-C-V50		Including to House #	
RS605-B-D-P50		Including to House #	
RS606-B-D-K50		Including to House #	
RS604-B-C-T50		Including to House #	
RS805-B-C-V50		Including to House #	
RS805-B-D-T50		Including to House #	
RS806-B-D-K50		Including to House #	
RS806-B-D-T50		Including to House #	
RS803-B-S-50		Including to House #	
RS805-B-S-R01		Including to House #	
RS805-G-WS		Including to House #	