

ATTN : _____

SEIKO EPSON CORPORATION
MICRODEVICES Operations Div. TDBU

SUB : FA-238V Package Change Notice

Dear Valued Customer,

Thank you for choosing SEIKO EPSON CORPORATION for your product. EPSON maintains a continuous effort to improve the production and delivery performance of its product. Thus, Epson will change the electrode pad and footprint of the FA-238V series MHz crystal unit.

Details are below:

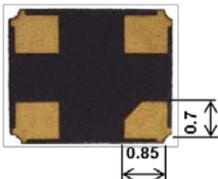
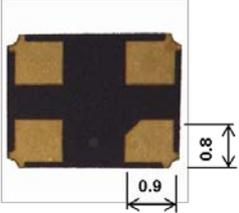
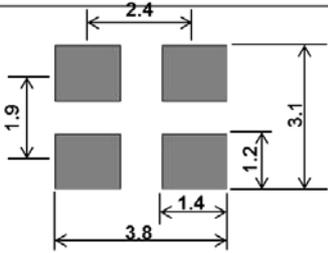
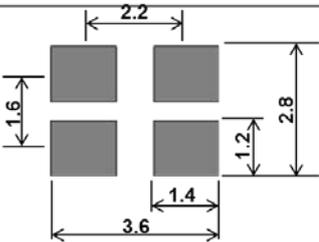
1. Affected Product

FA-238V (Product Number : Q22FA23V0xxxx00)

2. Change items

Electrode PAD and Footprint (Recommended).

(Unit: mm)

	Current	New
Electrode PAD		
Footprint (Recommended)		

3. Reason

- Unification of the electrode PAD to other models (FA-238 and FA-238A).
- Improve solder connectivity by expanding the electrode PAD.

4. Schedule

MP: From April, 1st, 2015

5. Conclusion

- This change will not affect the function, quality, or reliability of the product.
- The new electrode version can be mounted on the current footprint with no issue. Epson has test data upon request.
- If you have any concerns and/or requests, please contact your regional SEIKO EPSON CORP TD Sales office.

Sincerely yours,

Seiko Epson Corporation
Microdevices Operations Div. TDBU