



PRODUCT AND PROCESS CHANGE NOTIFICATION

SERIAL NO: 0385

RAISED BY: Charlotte Goddard

DATE: 09 Feb. 23

CUSTOMER: Various

PRODUCT:

IQXT-220 3.2 x 2.5mm 3.3V & 1.8V VC/TCXOs, including:
IQXT-220-1, IQXT-220-2, IQXT-220-3, IQXT-220-4, IQXT-220-5, IQXT-220-6, IQXT-220-7, IQXT-220-8,
IQXT-220-9, IQXT-220-10, IQXT-220-11, IQXT-220-12, IQXT-220-13, IQXT-220-14

PART NUMBER(S): See 'PCN0385 PN List.xls'

CURRENT PRODUCT/PROCESS:

All products have an MSL of 2, with the exception of IQXT-220-10 which is MSL-3.

PROPOSED CHANGE:

The MSL level of the parts will be lowered to 1.

REASON FOR CHANGE:

It was determined that MSL level could be reduced with no adverse effect to the functionality of the devices.

EXPECTED EFFECT ON PERFORMANCE:

The floor life of the components outside of the packaging is unlimited.

EXPECTED EFFECT ON RELIABILITY:

None

COMMENTS:

Table 3-1 Dry-Packing Requirements

Level	Dry Before Bag	MBB With HIC	Desiccant	MSID Label	Caution Label
1	Optional	Optional	Optional	Not Required	Not Required if classified at 220 °C – 225 °C Required* if classified at other than 220 °C – 225 °C

Ref: J-STD-033

IMPLEMENTATION DATE:

09 February 2023

AUTHORISED BY:

C.Goddard
Quality Manager
09 February 2023

LFTVXO075807Bulk	20.0MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO075808Bulk	30.720MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO075808Reel	30.720MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO075808Cutt	30.720MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO075809Bulk	32.7680MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO075809Reel	32.7680MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
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LFTVXO075810Reel	38.880MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO075810Cutt	38.880MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO075810Bulk	38.880MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO075811Cutt	40.0MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO075811Reel	40.0MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO075811Bulk	40.0MHz	IQXT-220-2	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00
LFTVXO086068Reel	19.20MHz	IQXT-220-14	Clipped Sine $\pm 0.28\text{ppm}$ -40 to 85C 3.3V $\pm 10\text{ppm}$ min to $\pm 15\text{ppm}$ max 1.00	0.28	-40.00	85.00