



MURATA MANUFACTURING CO., LTD.

Attention: DIGI-KEY

No. HEMCG2-2442
DATE : Sep. 16, 2014Production Location Change of Murata GRM32 series(Izumo Murata Mfg. Co., Ltd./Fukui Murata Mfg. Co., Ltd. -> Murata Electronics Singapore(Pte.)Ltd.)

Dear Valued Customer,
Murata would like to notify you of the change of our GRM32 series production location from
Izumo Murata Mfg. Co., Ltd./Fukui Murata Mfg. Co.,Ltd. to Murata Electronics Singapore (Pte.) Ltd.

1.Applicable Product

High Q type Monolithic Ceramic Capacitor

Size:

EIA Size	(EIA-J Size)	Dimension (LXW)	Murata Type
1210	(3225)	3.2mm X 2.5mm	GRM32 Series

Temperature Characteristics : Code (Public standard Code)

B(B1 · B3),R(R1),X5R(R6),X5S(C6),X6S(C8),X6T(D8),X7R(R7),X7S(C7),X7T(D7),X7U(E7)

Rated Voltage :

DC 100V and less

2. Location Change

We are going to transfer the production process from
Fukui Murata Mfg.Co.,Ltd. To Murata Electronics Singapor(Pte.)Ltd.

Current	New
Fukui Murata Mfg. Co., Ltd. (Murata Japan) Izumo Murata Mfg.Co.,Ltd. (Murata Japan)	Murata Electronics Singapore (Pte.) Ltd.

3. Background of Change

In response to the MLCC demand increase in overseas market, we are in the process of factory re-organization and relocation of production items based on following aspects.

- Increase the production ratio at overseas factory in the mid-long term point of view
- Risk management measures in preparation for natural disasters
- Supply capacity expansion by multi production sites
- Production items relocation to make the best use of advantage of each factory

Most of GRM32 series demands comes from overseas customers, and is further expected to increase. We are going to respond to this challenge by expanding production capacity at Murata Electronics Singapore (Pte.) Ltd.

GRM32 series production at Murata Japan will be discontinued accordingly.

GRM32 series products are produced with exactly the same machine, raw material and process control in Japan and overseas factory, so quality and electrical characteristics of Murata Singapore GRM32 series are identical to those of Murata Japan.

4. Transferring Schedule

Beginning of Mass Production in New Factory : January, 2014

We are going to change shipment from new factory gradually.

5.Others

As for new factory's products, they will be labeled as "MADE IN SINGAPORE".

Yours very truly,

Y. Nakayama
Product Engineering Department
Capacitor Division I
Fukui Murata MFG. Co., Ltd.

Appendix

Customer P/N	MurataP/N
490-1848-2-ND	GRM32NR72A563KA01L
490-1849-2-ND	GRM32NR72A683MA01L
490-1850-2-ND	GRM32NR72A683KA01L
490-1851-2-ND	GRM32NR72A823KA01L
490-1852-2-ND	GRM32NR72A104MA01L
490-1853-2-ND	GRM32NR72A104KA01L
490-1853-2-ND	GRM32NR72A104KA01L
490-1854-2-ND	GRM32CR72A684KA01L
490-1855-2-ND	GRM32CR72A684MA01L
490-1856-2-ND	GRM32ER72A105MA01L
490-1857-2-ND	GRM32ER72A105KA01L
490-1858-2-ND	GRM32NR71H564KA01L
490-1859-2-ND	GRM32NR71H684MA01L
490-1860-2-ND	GRM32NR71H684KA01L
490-1861-2-ND	GRM32RR71H824KA01L
490-1862-2-ND	GRM32RR71H105MA01L
490-1863-2-ND	GRM32RR71H105KA01L
490-1864-2-ND	GRM32ER71H475KA88L
490-1865-2-ND	GRM32RR71E225KC01L
490-1866-2-ND	GRM32RR71E225MC01L
490-1867-2-ND	GRM32DR71E106KA12L
490-1868-2-ND	GRM32MR71C225MC01L
490-1869-2-ND	GRM32MR71C225KC01L
490-1870-2-ND	GRM32NR71C335MA01L
490-1872-2-ND	GRM32RR71C475KC01L
490-1873-2-ND	GRM32RR71C475MC01L
490-1874-2-ND	GRM32DR71C106MA01L
490-1875-2-ND	GRM32DR71C106KA01L
490-1876-2-ND	GRM32ER71A226KE20L
490-1877-2-ND	GRM32RR61E475KC31L
490-1878-2-ND	GRM32DR61E106KA12L
490-1879-2-ND	GRM32RR61C475KC01L
490-1880-2-ND	GRM32DR61C106KA01L
490-1881-2-ND	GRM32ER61C226ME20L
490-1882-2-ND	GRM32ER61C226KE20L
490-1883-2-ND	GRM32ER61A106KC01L

Customer P/N	MurataP/N
490-1884-2-ND	GRM32ER61A106MC01L
490-1885-2-ND	GRM32DR60J226MA01L
490-1886-2-ND	GRM32DR60J226KA01L
490-1887-2-ND	GRM32ER60J476ME20L
490-1896-2-ND	GRM32RE41H105MA01L
490-3384-2-ND	GRM32MR72A474KA01L
490-3385-2-ND	GRM32ER72A225KA35L
490-3386-2-ND	GRM32DR71H335KA88L
490-3388-2-ND	GRM32ER61A226KE20L
490-3389-2-ND	GRM32DR60J336ME19L
490-3389-2-NDL	GRM32DR60J336ME19L
490-3390-2-ND	GRM32ER60J107ME20L
490-3887-2-ND	GRM32ER61A476KE20L
490-3888-2-ND	GRM32ER61C476ME15L
490-4524-2-ND	GRM32ER71C226KE18L
490-4740-2-ND	GRM32ER71C226ME18L
490-5310-2-ND	GRM32EC81E226KE15L
490-5311-2-ND	GRM32ER70J476KE20L
490-5312-2-ND	GRM32ER71A476KE15L
490-5313-2-ND	GRM32ER71E226KE15L
490-5314-2-ND	GRM32ER7YA106KA12L
490-5314-2-NDL	GRM32ER7YA106KA12L
490-5890-2-ND	GRM32ER71C226KEA8L
490-5956-2-ND	GRM32ER71C226MEA8L
490-6530-2-ND	GRM32DR61E106MA12L
490-6531-2-ND	GRM32DR71A106KA01L
490-6532-2-ND	GRM32DR71E106KA12K
490-6533-2-ND	GRM32EC80J107ME20L
490-6534-2-ND	GRM32EE70G107ME19L
490-6535-2-ND	GRM32ER60J107ME20K
490-6536-2-ND	GRM32ER61A476KE20K
490-6537-2-ND	GRM32ER61A476ME20L
490-6538-2-ND	GRM32ER61C476KE15K
490-6539-2-ND	GRM32ER61C476KE15L
490-6540-2-ND	GRM32ER61E226KE15K
490-6541-2-ND	GRM32ER61E226ME15L
490-6542-2-ND	GRM32ER70J476ME20L
490-6543-2-ND	GRM32ER71A476ME15L
490-6544-2-ND	GRM32ER71H106KA12L

Customer P/N	MurataP/N
490-6545-2-ND	GRM32ER72A225KA35K
490-7218-2-ND	GRM32RR61E475KA12L
490-8349-2-ND	GRM32AR61C106KAB7L
490-8351-2-ND	GRM32DC81E106KA12L
490-8352-2-ND	GRM32DR61E106KA12K
490-8353-2-ND	GRM32EC80G107ME20L
490-8354-2-ND	GRM32EC81A476KE19L
490-8355-2-ND	GRM32ER61C476ME15K
490-8590-2-ND	GRM32ER61H106KA12L
490-8627-2-ND	GRM32CR72A105KA35L
GRM32ER61A107ME20L-ND	GRM32ER61A107ME20L
GRM32ER61A226KA65L-ND	GRM32ER61A226KA65L
GRM32ER61C476KE15L-ND	GRM32ER61C476KE15L
GRM32ER61C476ME15K-ND	GRM32ER61C476ME15K
GRM32ER71H106KA12L-ND	GRM32ER71H106KA12L
GRM32RR71E225KA01L	GRM32RR71E225KA01L

※Customer Part Number registered with Murata is above.
About Customer Part Number without registered, the Object Part is targeted for all.