

[Search Engine](#) > Catalog: **GRM188R71H103KA01D**

Capacitors > Monolithic Ceramic Capacitors > Soldering Electrode GRM15/18/21/31

PDF Download

'Data Sheet' contains Dimensions, Rated Value and Packaging.
Please refer to 'Specification' alongside 'Data Sheet'.


[Data_Sheet](#)

[Specifications](#)















Specification

Global Part Number	GRM188R71H103KA01D
Previous Part Number	GRM39X7R103K50
Length L	1.60mm ±0.10mm
Width W	0.80mm ±0.10mm
Thickness T	0.80mm ±0.10mm
Electrode e	0.20 to 0.50mm
Electrode Gap g (min.)	0.50mm
TC Code (Standard)	X7R (EIA)
Capacitance Change	±15%
TC Change Correction	
Temperature Range	-55 to +125°C
Capacitance	10000pF ±10%
Rated Voltage	50Vdc
Soldering Method	Flow/Reflow
Recommended Parts	Recommended
Case Size	0603





Minimum Quantity

180mm Paper Tape	4000
180mm Plastic Tape	
330mm Paper Tape	
330mm Plastic Tape	

Details

-  [Part Numbering](#)
-  [Appearance](#)
-  [Dimensions](#)
-  [Feature_and_Application](#)
-  [Cap.-Temp.Char.](#)
-  [Cap.-D.C.Vlt.Char.](#)
-  [Cap.-A.C.Vlt.Char.](#)
-  [Cap.Chng.-Aging](#)
-  [Impdnc.-Freq.Char.](#)
-  [Allwbl.Vlt.](#)
-  [Allwbl.Crrnt.](#)
-  [Allwbl.Apprnt.Pwr.](#)
-  [Caution_\(storage_and_operation_condition\)](#)
-  [Caution_\(Soldering_and_Mounting\)](#)
- [Caution\(handling\)](#)

Bulk Case	
Bulk(Bag)	
Ammo Pack	
320Reel	
Magazine	
Box	

-  [Notice_\(soldering_and_mounting\)](#)
-  [Notice_\(other\)](#)
-  [Packaging](#)
-  [Information_for_Data](#)



[S Parameter](#)

**Product specifications in this catalog are as of May 2005,
and are subject to change or obsolescence without notice.
Please approve our product specifications or transact the approval sheet before ordering.
Please read rating and !Cautions first.**

All products and company names herein are trademarks or registered trademarks of their respective owners.

[|TOP|](#)

All Rights Reserved, Copyright (c)
Murata Manufacturing Co., Ltd. 2005