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http://www.murata.com/en-sg/products/productdetail?partno=935121723510-xxN

# 935121723510-xxN

There can be several part numbers depending on packing configurations and electrode surface materials. Please see the following part number for standard product of this item.

935121723510-T3N







### **Applications**

Unsuitable Applications  Please be sure to read and comply with these "Precautions for use."  Consumer equipment, Industrial Equipment, Medical equipment [GHTF A/B], Medical equipment [GHTF C], Mobile Electronics, Mobile Communication, Consumer Electronics - Differential Transmission, HDD, Double feed detection Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Recommended Applications  Recommended Applications  Please be sure to read and comply with these."  Consumer equipment [GHTF C], Mobile Electronics, Mobile Please refer to Our Website and specifications, and use the performance and reliability of the actual Product.  Mobile Electronics, Smartphone / Cellular phone, RFID, Note PC, Wearable Appliance, Notebook PC, Tablet PC, Processor [ASIC / FPGA / xPU], Server, loT Equipment			
Consumer equipment, Industrial Equipment, Medical equipment [GHTF A/B], Medical equipment [GHTF C], Mobile Electronics, Mobile Communication, Consumer Electronics - Differential Transmission, HDD, Double feed detection Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics, Smartphone / Cellular phone, RFID, Note PC, Wearable Appliance, Notebook PC, Tablet PC, Processor [ASIC / FPGA / xPU], Server,	Unsuitable	Please be sure to read and comply with	
Equipment, Medical equipment [GHTF A/B], Medical equipment [GHTF C], Mobile Electronics, Mobile Communication, Consumer Electronics - Differential Transmission, HDD, Double feed detection Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics, Smartphone / Cellular phone, RFID, Note PC, Wearable Appliance, Notebook PC, Tablet PC, Processor [ASIC / FPGA / xPU], Server,	Applications	these "Precautions for use."	
A/B],Medical equipment [GHTF C], Mobile Electronics,Mobile Communication,Consumer Electronics - Differential Transmission,HDD,Double feed detection Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics,Smartphone / Cellular phone,RFID,Note PC,Wearable Appliance,Notebook PC,Tablet PC, Processor [ASIC / FPGA / xPU],Server,		Consumer equipment,Industrial	
Mobile Electronics, Mobile Communication, Consumer Electronics - Differential Transmission, HDD, Double feed detection Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics, Smartphone / Cellular phone, RFID, Note PC, Wearable Appliance, Notebook PC, Tablet PC, Processor [ASIC / FPGA / xPU], Server,		Equipment,Medical equipment [GHTF	
Specific Applications  Specific Applications  Specific Applications  Communication,Consumer Electronics - Differential Transmission,HDD,Double feed detection Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics,Smartphone / Cellular phone,RFID,Note PC,Wearable Appliance,Notebook PC,Tablet PC, Processor [ASIC / FPGA / xPU],Server,		A/B],Medical equipment [GHTF C],	
Specific Applications  Differential Transmission,HDD,Double feed detection Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Recommended Applications  Recommended Applications  Differential Transmission,HDD,Double feed detection  Please refer to Our Website and specification about the performation about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics,Smartphone / Cellular phone,RFID,Note PC,Wearable Appliance,Notebook PC,Tablet PC, Processor [ASIC / FPGA / xPU],Server,		Mobile Electronics, Mobile	
Specific Applications  feed detection Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics, Smartphone / Cellular phone, RFID, Note PC, Wearable Appliance, Notebook PC, Tablet PC, Processor [ASIC / FPGA / xPU], Server,		Communication, Consumer Electronics -	
Recommended Applications  Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics, Smartphone / Cellular phone, RFID, Note PC, Wearable Appliance, Notebook PC, Tablet PC, Processor [ASIC / FPGA / xPU], Server,		Differential Transmission, HDD, Double	
Applications  Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics, Smartphone / Cellular phone, RFID, Note PC, Wearable Appliance, Notebook PC, Tablet PC, Processor [ASIC / FPGA / xPU], Server,		feed detection	
specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics, Smartphone / Cellular phone, RFID, Note PC, Wearable Appliance, Notebook PC, Tablet PC, Processor [ASIC / FPGA / xPU], Server,		Please refer to Our Website and	
management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics,Smartphone / Cellular phone,RFID,Note PC,Wearable Appliance,Notebook PC,Tablet PC, Processor [ASIC / FPGA / xPU],Server,		specifications, etc. for information about	
the above applications, and use Products after confirming the performance and reliability of the actual Product.  Mobile Electronics,Smartphone / Cellular phone,RFID,Note PC,Wearable Appliance,Notebook PC,Tablet PC, Processor [ASIC / FPGA / xPU],Server,		the performance, functions, quality,	
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performance and reliability of the actual Product.  Mobile Electronics, Smartphone / Cellular phone, RFID, Note PC, Wearable Appliance, Notebook PC, Tablet PC, Processor [ASIC / FPGA / xPU], Server,		the above applications, and use	
Recommended Applications  Product.  Mobile Electronics,Smartphone / Cellular phone,RFID,Note PC,Wearable Appliance,Notebook PC,Tablet PC, Processor [ASIC / FPGA / xPU],Server,		Products after confirming the	
Recommended Applications  Mobile Electronics,Smartphone / Cellular phone,RFID,Note PC,Wearable Appliance,Notebook PC,Tablet PC, Processor [ASIC / FPGA / xPU],Server,		performance and reliability of the actual	
Recommended Applications  Cellular phone,RFID,Note PC,Wearable Appliance,Notebook PC,Tablet PC, Processor [ASIC / FPGA / xPU],Server,		Product.	
Applications  Applications  Applications  Appliance,Notebook PC,Tablet PC, Processor [ASIC / FPGA / xPU],Server,		Mobile Electronics,Smartphone /	
Applications		Cellular phone,RFID,Note PC,Wearable	
Processor [ASIC / FPGA / xPU], Server,		Appliance,Notebook PC,Tablet PC,	
IoT Equipment		Processor [ASIC / FPGA / xPU],Server,	
		IoT Equipment	



### Appearance & Shape





### **Features**

- I Ultra low profile (100μm, 80μm on request).
- I High Q.
- I Voltage stability.
- I High ESD capabilities (ESD enhanced series): >1kV for 47 pF, >2kV for 100pF, >8kV for 330pF.
- I Low leakage current down to 100pA.
- I Low ESL and low ESR.
- I SRF > 1.2GHz for 100pF.

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### Attention

- 1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2. This datasheet has only typical specifications because there is no space for detailed specifications.
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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# 935121723510-xxN



## **Specifications**

Series	LPSC
Applications	RFID,All Apprications
Mounting Method	Solder Mounted
Operating Temperature Range	-55°C to 150°C
Size Code (in inch)	0201
L x W (size)	0.80 x 0.60mm
Breakdown Voltage (For the rated voltage, please see the FAQ.)	30Vdc
Capacitance	10nF
Thickness	100µm

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