

## 0603BW225K160YT



**Part Number:** [0603BW225K160YT](#)  
**Manufacturer:** [Knowles NOVACAP](#)  
**Description:** CAP CER 2.2UF 16V X5R 0603  
**Data sheet:** [PDF MLCC Catalog](#)  
[PDF High Cap Chip X7R, X5R](#)

**RoHS Status:** Contains lead / RoHS non-compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">0603BW225K160YT</a>
<b>Manufacturer</b>	<a href="#">Knowles NOVACAP</a>
<b>Description</b>	CAP CER 2.2UF 16V X5R 0603
<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Quantity Available</b>	83398 pcs
<b>Product Photo</b>	<a href="#">0603BW225K160YT.jpg</a>
<b>Category</b>	<a href="#">Capacitors</a>
<b>Voltage - Rated</b>	16V
<b>Tolerance</b>	±10%
<b>Thickness (Max)</b>	0.035" (0.89mm)
<b>Temperature Coefficient</b>	X5R
<b>Size / Dimension</b>	0.060" L x 0.030" W (1.52mm x 0.76mm)
<b>Series</b>	-
<b>Ratings</b>	-
<b>Packaging</b>	Cut Tape (CT)
<b>Package / Case</b>	0603 (1608 Metric)
<b>Other Names</b>	1763-1193-1
<b>Operating Temperature</b>	-55°C ~ 85°C
<b>Mounting Type</b>	Surface Mount, MLCC
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Style</b>	-
<b>Lead Spacing</b>	-
<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Height - Seated (Max)</b>	-
<b>Features</b>	-
<b>Failure Rate</b>	-
<b>Detailed Description</b>	2.2µF ±10% 16V Ceramic Capacitor X5R 0603 (1608 Metric)
<b>Capacitance</b>	2.2µF
<b>Applications</b>	General Purpose

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">0603B822K500CT</a> <b>Description:</b> CAP CER 8200PF 50V X7R 0603	<b>Manufacturers:</b> <a href="#">Walsin Technology</a> <b>In Stock:</b> 3850325	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603BB224K500YT</a> <b>Description:</b> CAP CER 0.22UF 50V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles NOVACAP</a> <b>In Stock:</b> 83473	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603DD153KAT2A</a> <b>Description:</b> CAP CER 0.015UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 3974	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603B823K500CT</a> <b>Description:</b> CAP CER 0.082UF 50V X7R 0603	<b>Manufacturers:</b> <a href="#">Walsin Technology</a> <b>In Stock:</b> 2414867	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603BB104K500YT</a> <b>Description:</b> CAP CER 0.1UF 50V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles NOVACAP</a> <b>In Stock:</b> 109599	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603F105M250CT</a> <b>Description:</b> 0603 MLCC Y5V 1 UF 20% 25V	<b>Manufacturers:</b> <a href="#">Walsin Technology</a> <b>In Stock:</b> 4402181	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603BB105K160NGT</a> <b>Description:</b> CAP CER 1UF 16V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles NOVACAP</a> <b>In Stock:</b> 72858	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603BB224K500NGT</a> <b>Description:</b> CAP CER 0.22UF 50V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles NOVACAP</a> <b>In Stock:</b> 78188	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603F104Z500CT</a> <b>Description:</b> CAP CER 0.1UF 50V Y5V (F) 0603	<b>Manufacturers:</b> <a href="#">Walsin Technology</a> <b>In Stock:</b> 5617517	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603BB105K160YT</a> <b>Description:</b> CAP CER 1UF 16V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles NOVACAP</a> <b>In Stock:</b> 104602	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603DD223KAT2A</a> <b>Description:</b> CAP CER 0.022UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 800511	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603ESDA-TR1</a> <b>Description:</b> SUPPRESSOR ESD 24VDC 0603 SMD	<b>Manufacturers:</b> <a href="#">Bussmann (Eaton)</a> <b>In Stock:</b> 6020	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603DD333KAT2A</a> <b>Description:</b> CAP CER 0.033UF 35V X5R 0603	<b>Manufacturers:</b> <a href="#">AVX Corporation</a> <b>In Stock:</b> 1025885	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603BB104K500NGT</a> <b>Description:</b> CAP CER 0.1UF 50V X7R 0603	<b>Manufacturers:</b> <a href="#">Knowles NOVACAP</a> <b>In Stock:</b> 78282	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603ESDA-MLP7</a> <b>Description:</b> SUPPRESSOR ESD 30VDC 0603 SMD	<b>Manufacturers:</b> <a href="#">Bussmann (Eaton)</a> <b>In Stock:</b> 419754	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603F104Z250CT</a> <b>Description:</b> CAP CER 0.1UF 25V Y5V (F) 0603	<b>Manufacturers:</b> <a href="#">Walsin Technology</a> <b>In Stock:</b> 4035526	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603ESDA2-TR2</a> <b>Description:</b> SUPPRESSOR ESD 30VDC 0603 SMD	<b>Manufacturers:</b> <a href="#">Bussmann (Eaton)</a> <b>In Stock:</b> 656617	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603ESDA</a> <b>Description:</b> SINGLE LINE POLYM ESD SUPPRESSOR	<b>Manufacturers:</b> <a href="#">Bussmann (Eaton)</a> <b>In Stock:</b> 4881	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603BW225K160NGT</a> <b>Description:</b> CAP CER 2.2UF 16V X5R 0603	<b>Manufacturers:</b> <a href="#">Knowles NOVACAP</a> <b>In Stock:</b> 94070	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">0603B821K500CT</a> <b>Description:</b> CAP CER 820PF 50V X7R 0603	<b>Manufacturers:</b> <a href="#">Walsin Technology</a> <b>In Stock:</b> 3987710	<a href="#">RFQ</a>

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