

## C0805C181F1HAC7800



**Part Number:** C0805C181F1HAC7800  
**Manufacturer:** KEMET  
**Description:** CAP CER 0805 180PF 100V ULTRA ST  
**Data sheet:** [Ultra Stable, X8R Dielectric](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	C0805C181F1HAC7800	<b>Manufacturer</b>	<a href="#">KEMET</a>
<b>Description</b>	CAP CER 0805 180PF 100V ULTRA ST	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	1396655 pcs	<b>Data sheet</b>	<a href="#">Ultra Stable, X8R Dielectric</a>
<b>Category</b>	<a href="#">Capacitors</a>	<b>Voltage - Rated</b>	100V
<b>Tolerance</b>	±1%	<b>Thickness (Max)</b>	0.035" (0.88mm)
<b>Temperature Coefficient</b>	X8R	<b>Size / Dimension</b>	0.079" L x 0.049" W (2.00mm x 1.25mm)
<b>Series</b>	C	<b>Ratings</b>	-
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	0805 (2012 Metric)
<b>Other Names</b>	C0805C181F1HACTU	<b>Operating Temperature</b>	-55°C ~ 150°C
<b>Mounting Type</b>	Surface Mount, MLCC	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Standard Lead Time</b>	18 Weeks	<b>Lead Spacing</b>	-
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Height - Seated (Max)</b>	-
<b>Features</b>	Low ESL, High Temperature	<b>Failure Rate</b>	-
<b>Detailed Description</b>	180pF ±1% 100V Ceramic Capacitor X8R 0805 (2012 Metric)	<b>Capacitance</b>	180pF
<b>Applications</b>	General Purpose		

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### RELATED PRODUCTS

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	<b>Part#:</b> <a href="#">C0805C180M4HACAUTO</a> <b>Description:</b> CAP CER 0805 18PF 16V ULTRA STAB	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C181F1GACTU</a> <b>Description:</b> CAP CER 180PF 100V NP0 0805	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C180M8HACAUTO</a> <b>Description:</b> CAP CER 0805 18PF 10V ULTRA STAB	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C181F5HACAUTO</a> <b>Description:</b> CAP CER 0805 180PF 50V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C181F8HAC7800</a> <b>Description:</b> CAP CER 0805 180PF 10V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C180M3HACAUTO</a> <b>Description:</b> CAP CER 0805 18PF 25V ULTRA STAB	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C180M5HACAUTO</a> <b>Description:</b> CAP CER 0805 18PF 50V ULTRA STAB	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C180M3HAC7800</a> <b>Description:</b> CAP CER 0805 18PF 25V ULTRA STAB	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C181F5HAC7800</a> <b>Description:</b> CAP CER 0805 180PF 50V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C181F3HAC7800</a> <b>Description:</b> CAP CER 0805 180PF 25V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C181F5GAC7800</a> <b>Description:</b> CAP CER 180PF 50V NP0 0805	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C181F2GACTU</a> <b>Description:</b> CAP CER 180PF 200V NP0 0805	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C180M5HAC7800</a> <b>Description:</b> CAP CER 0805 18PF 50V ULTRA STAB	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C181F4HAC7800</a> <b>Description:</b> CAP CER 0805 180PF 16V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C180M4HAC7800</a> <b>Description:</b> CAP CER 0805 18PF 16V ULTRA STAB	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C180M8HAC7800</a> <b>Description:</b> CAP CER 0805 18PF 10V ULTRA STAB	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C181F3HACAUTO</a> <b>Description:</b> CAP CER 0805 180PF 25V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C181F4HACAUTO</a> <b>Description:</b> CAP CER 0805 180PF 16V ULTRA STA	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">C0805C180M3GACTU</a> <b>Description:</b> CAP CER 18PF 25V C0G/NP0 0805	<b>Manufacturers:</b> <a href="#">KEMET</a>	<a href="#">RFQ</a>

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