



**Distributor of CTS Electronic Components: Excellent Integrated System Limited**

Datasheet of 2451-001-X5U0-102PLF - CAP FEEDTHRU 1000PF 500V X5U

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## **Excellent Integrated System Limited**

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[CTS Electronic Components](#)

[2451-001-X5U0-102PLF](#)

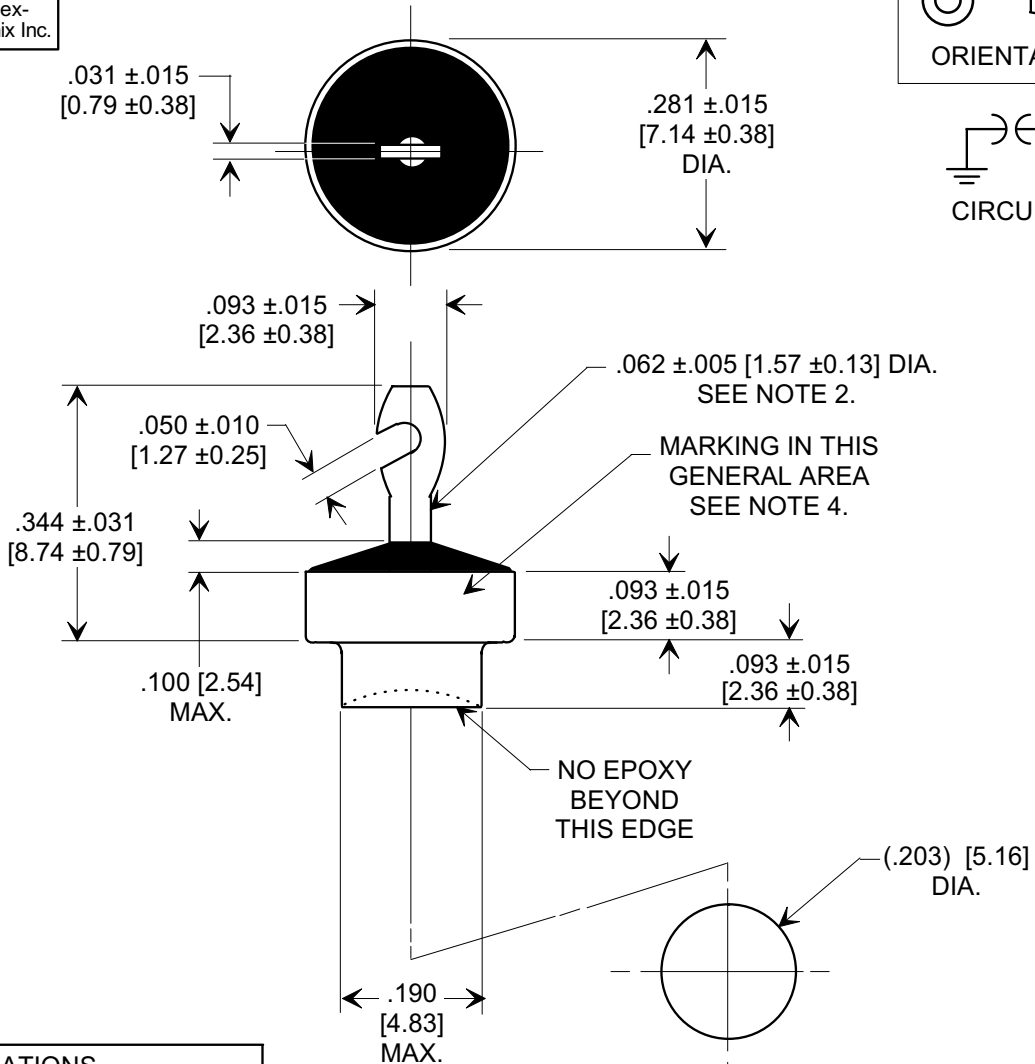
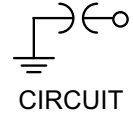
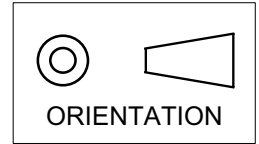
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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Electrical Testing per Tusonix standard test plans and Mil-Std-202 Test Methods.

**MARKETING SALES DRAWING**  
**DIMENSIONS IN INCHES - DO NOT SCALE THIS DRAWING**  
**DIMENSIONS IN METRIC - [ ]**



SUGGESTED MOUNTING HOLE

SPECIFICATIONS	
CAP. VALUE:	1000 pF
CAP. TOL.:	+100, -0%
TEMP. CHAR.:	X5U
RATING:	500 VDC @ +85°C 250 VDC @ +125°C
OPERATING RANGE:	-55°C TO +125°C
CURRENT (A)	20
I.R. MIN. @ 100 VDC:	10 GΩ
DWV:	1250 VDC
MARKING: CAP CODE	102

NOTES:

1. TUSONIX STANDARD PART NUMBER: 2451-001-X5U0-102P.  
TUSONIX RoHS COMPLIANT PART NUMBER: 2451-001-X5U0-102P LF.  
CUSTOMER MUST SPECIFY STANDARD OR RoHS PART NUMBER WHEN ORDERING.
2. LEAD FINISH: SILVER.
3. SHELL FINISH: SILVER.
4. PART MARKING: 3 DIGIT CAPACITANCE CODE STAMPED ON SIDE OF SHELL. STANDARD PART: BLACK INK. RoHS PART: DARK GREEN INK.

X-2015 Rev-0

<b>REVISION RECORD</b> Original Release C.O. 20050907-8-02 Reissue: Corrected Dwg No. EC 2-03-06 20050907-8-02	0	1	--TOLERANCES-- Unless Otherwise Specified		Title <b>DISCOIDAL STAND-OFF CAPACITOR</b>	
	DECIMAL ± NOTED		Drawn L.E. 02-02-06		Scale 4 X	
	ANGLES ±		Approved B.Mc. 02-02-06			
	<b>TUSONIX</b> TUCSON, ARIZONA		<b>A</b>	<b>2451-001-X5U0-102P</b>		