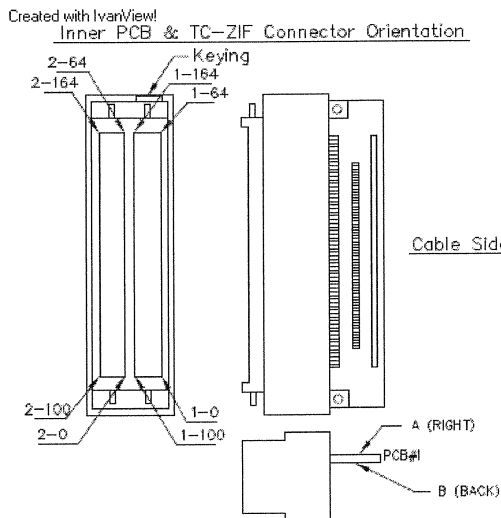


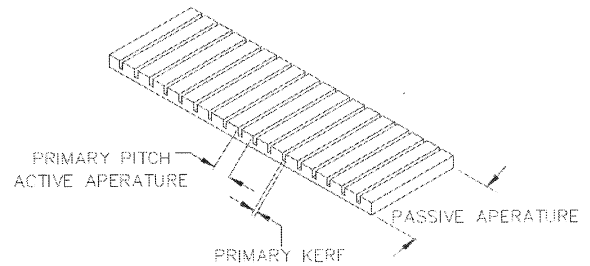
GE Inspection Technologies Phased Array Probe Specification

Linear Phased Array			inch	mm
Part Number	115-100-007	Primary Element Count	64	
Number of Elements	64	Primary Pitch	0.0394	1.0000
Frequency (MHz)	5	Primary Kerf	0.0035	0.0900
Connector	Tyco			
Cable Type	111-160-172 Coax, 38 Gauge, 50 Ohm, 68 Conductors			
Cable Length	3 meters			
Total Crystal Size	10 x 64			
Nominal Ceramic Volume%	30			
Kt Min (efficiency)	0.57	Element Passive Aperture	0.3937	10.0000
Nominal Ceramic Thickness	.29			
Array Configuration	1D			

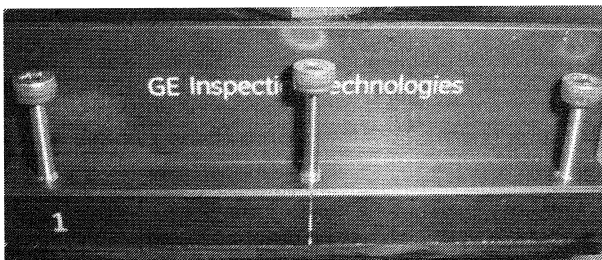
Tyco Numbering Sequence



1D Element Geometry



Element Orientation EL 1





15C0013R

Certification of Conformity

115-100-007

0005X064X01.0X0010-C5

Date Tested	3/20/2015 10:28:33 AM
Operator	KR
Test Specification	0512026
Test Specification Rev	AC
Oscilloscope Serial Number	8747-DP310-001
Oscilloscope Cal Date	10/31/15
UTA Serial Number	MM00107
UTA Cal Due Date	6/30/2015
Software Designation	FNT0101
Software Rev	A



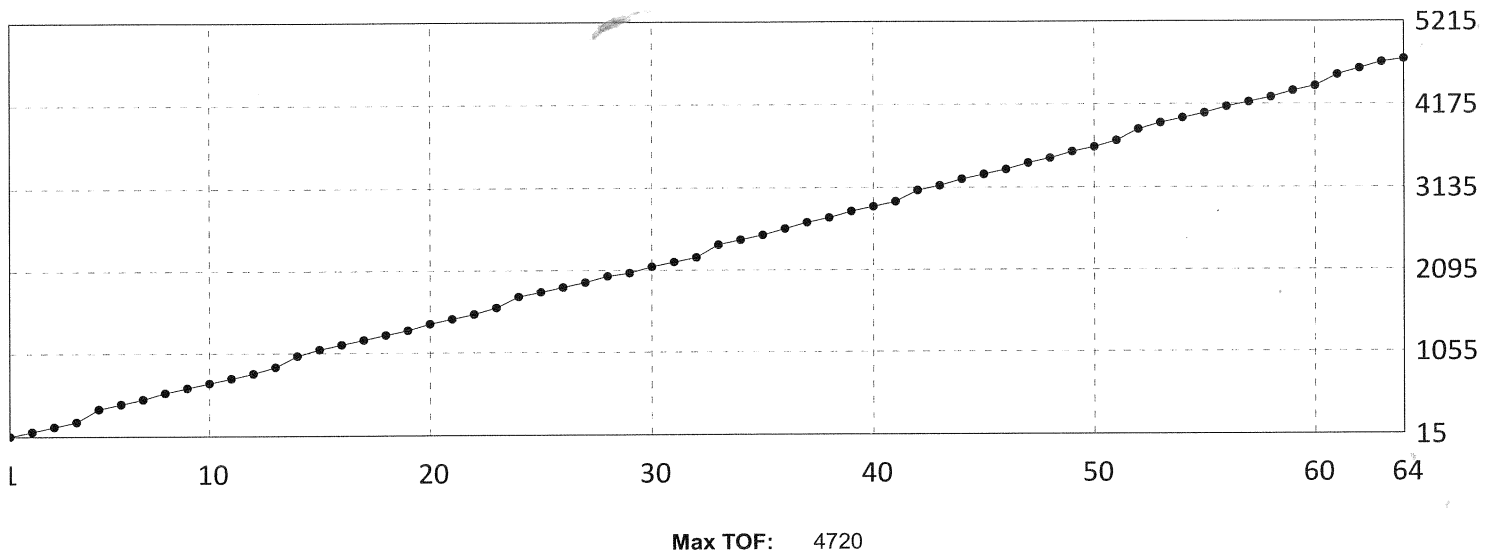
15C0013R

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115-100-007 0005X064X01.0X0010-C5

Friday, March 20, 2015

TOF Wiring Verify



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The accuracy of the transducer described above has been confirmed by factory standard test equipment and laboratory reference standards traceable to the National Institute of Standards and Technology. This facility's Quality System is registered to ISO 9001-2008, and is compliant to MIL-STD-45662A and ANSI/NCSL Z540-1-1994.

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Lewistown, PA 17044
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GEInspectionTechnologies.com



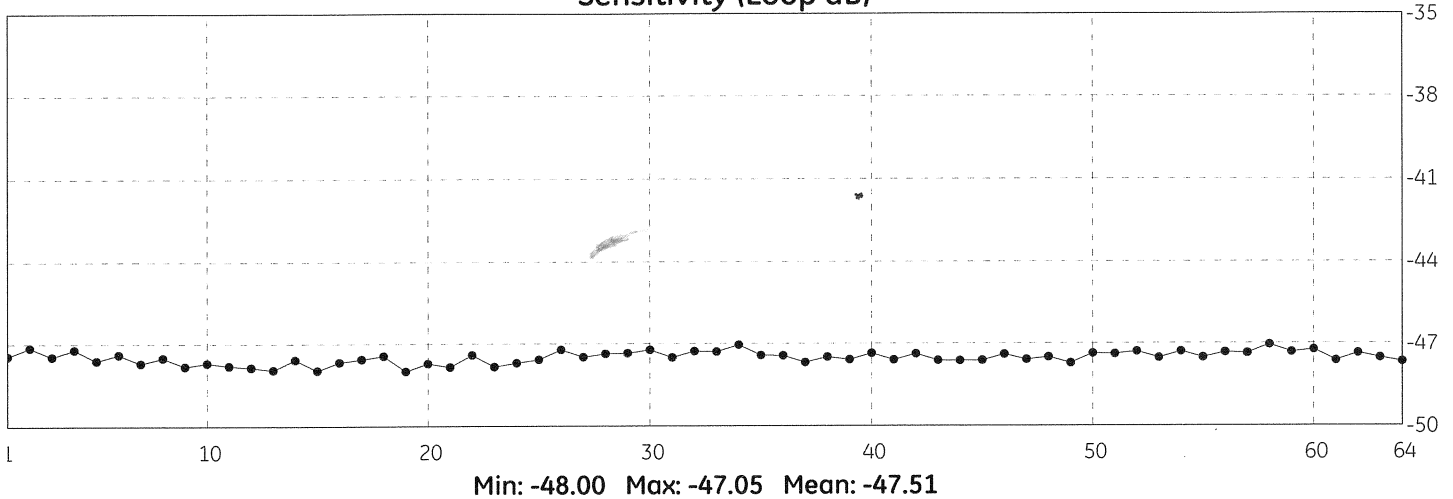
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Certification of Conformity

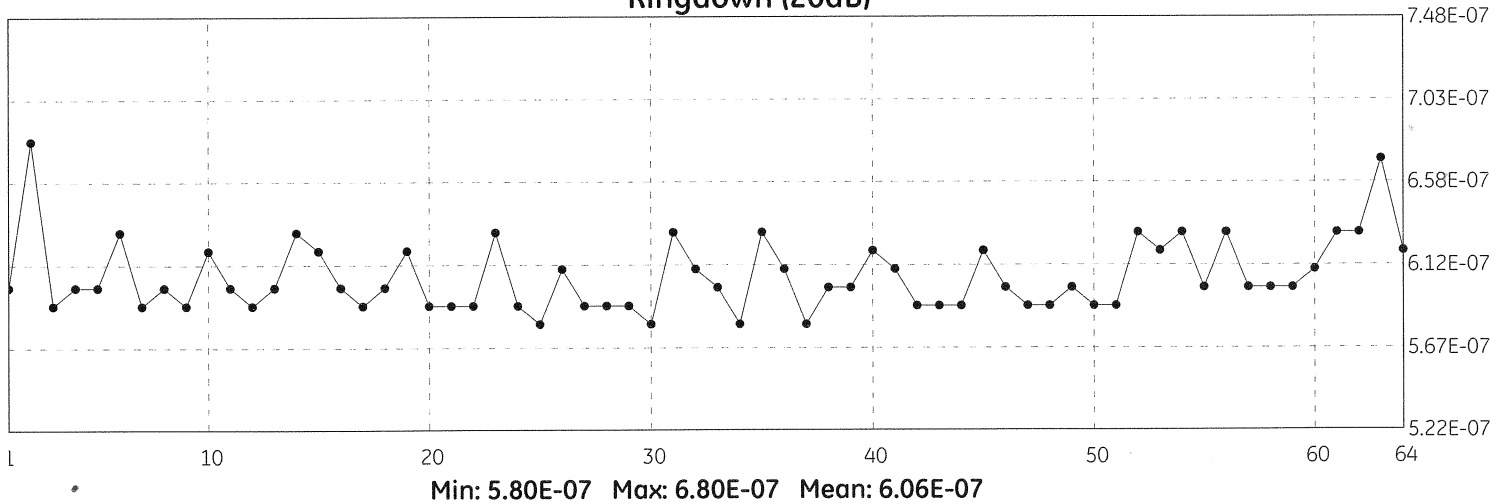
115-100-007 0005X064X01.0X0010-C5

Friday, March 20, 2015

Sensitivity (Loop dB)



Ringdown (20dB)



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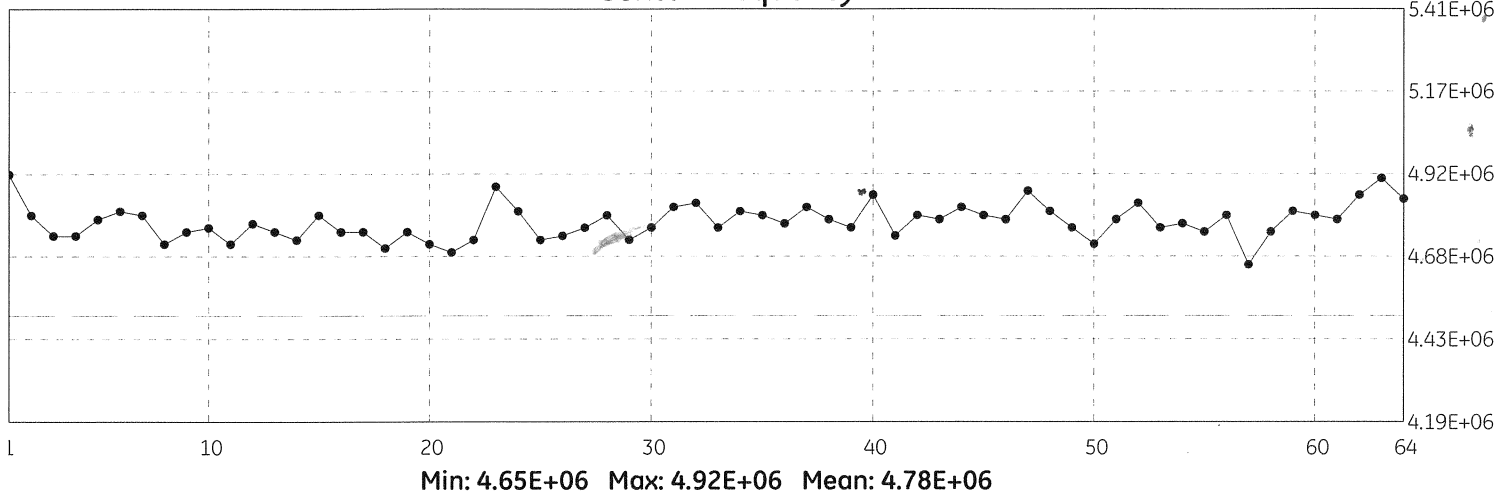
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Certification of Conformity

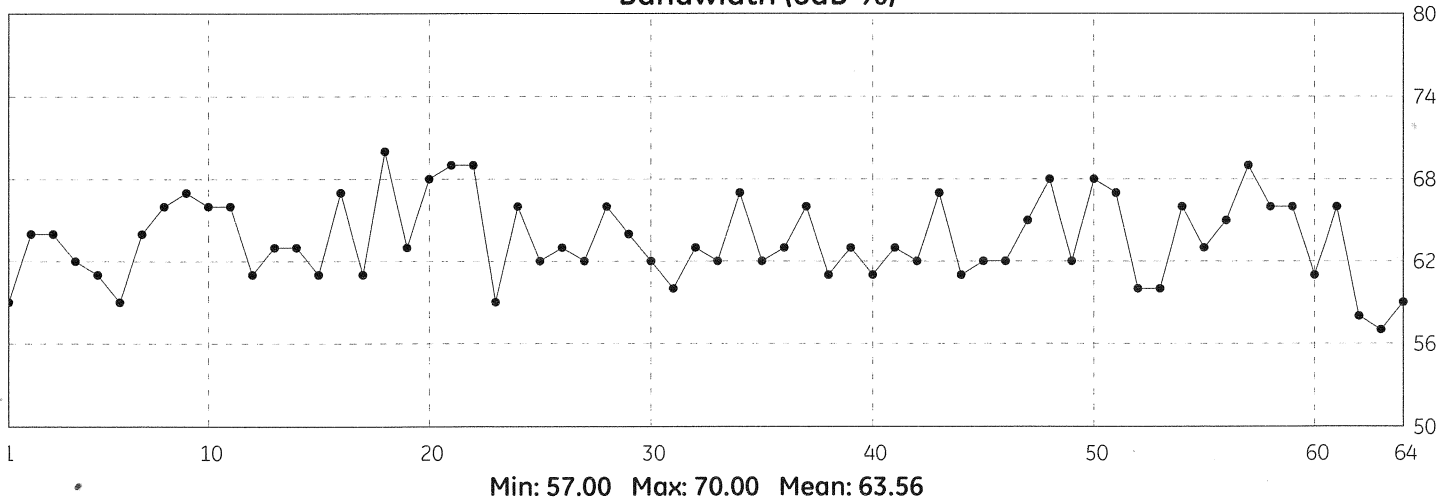
115-100-007 0005X064X01.0X0010-C5

Friday, March 20, 2015

Center Frequency



Bandwidth (6dB %)



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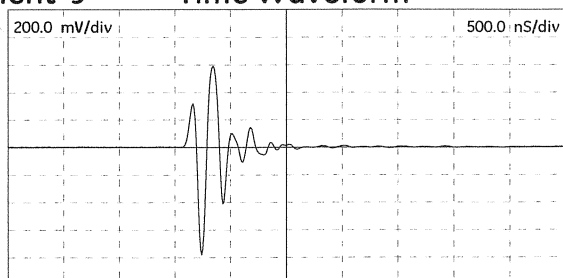
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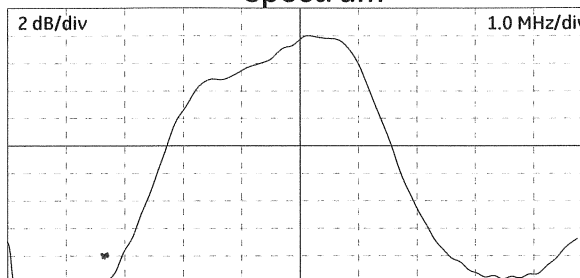
Friday, March 20, 2015

Certification of Conformity

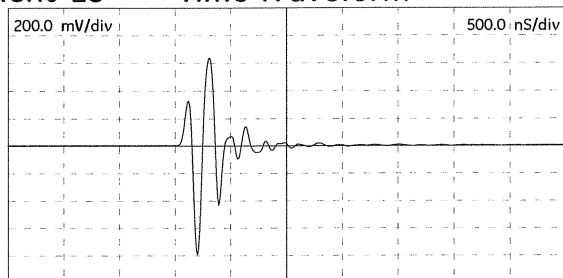
Element 9 Time Waveform



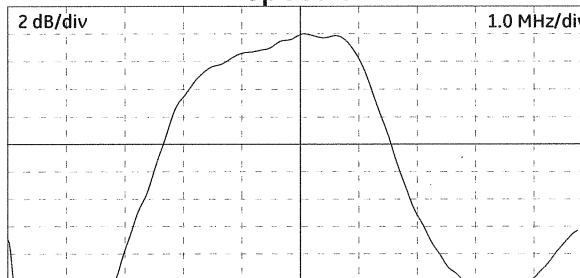
Spectrum



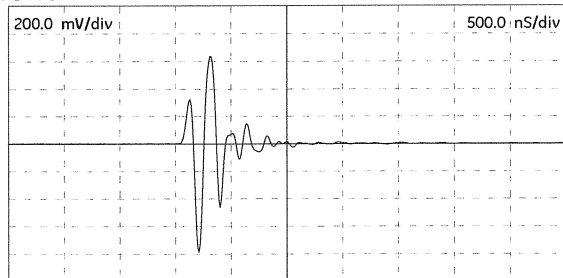
Element 18 Time Waveform



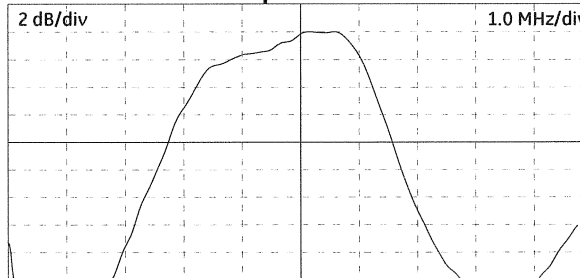
Spectrum



Element 27 Time Waveform



Spectrum



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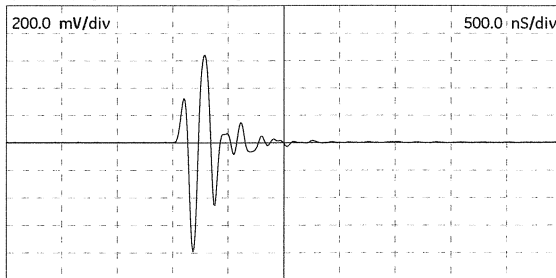
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Certification of Conformity

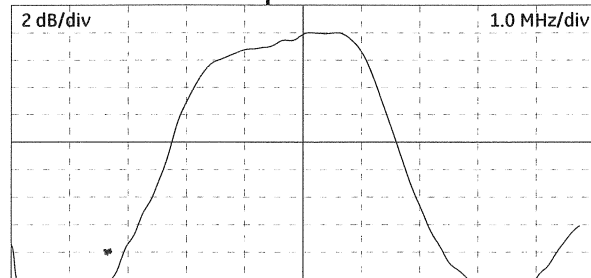
115-100-007 0005X064X01.0X0010-C5

Friday, March 20, 2015

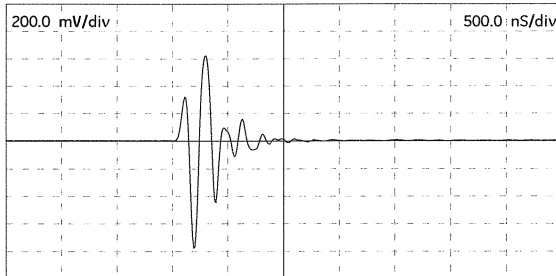
Element 36 Time Waveform



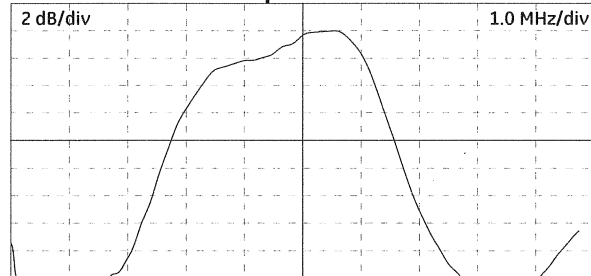
Spectrum



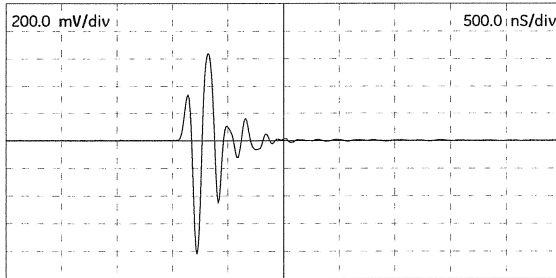
Element 45 Time Waveform



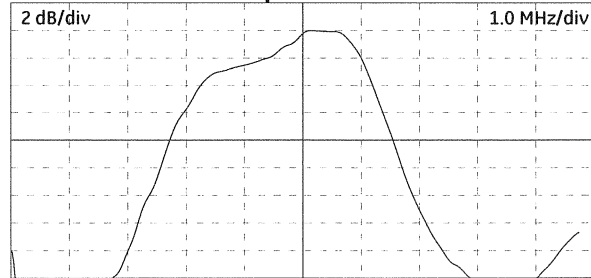
Spectrum



Element 54 Time Waveform



Spectrum



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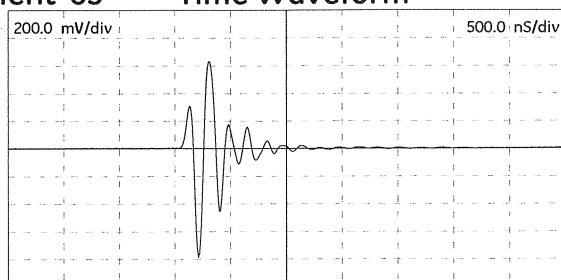
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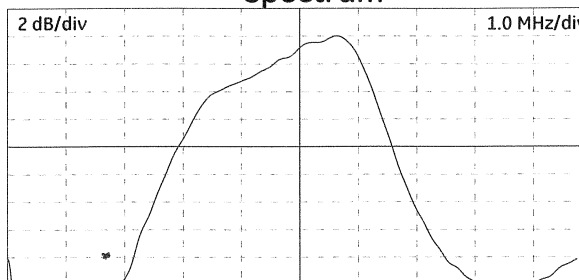
Friday, March 20, 2015

Certification of Conformity

Element 63 Time Waveform



Spectrum



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