



Isolating Spark Gap, 100kA

Data Surge Protection Device Technical Data Sheet

ISG-200-LC

Features

- Equalizes the potential between the high and low voltage side of the AC service
- Protects personnel against shock hazards during electrical faults on the high voltage side
- For use in either indoor or outdoor applications

Applications

- Pipelines
- Industrial Facilities
- Commercial Facilities

Description

RF isolating spark gap (also known as lightning arrester) ISG-200-LC from L-com utilizes robust spark gap technology to equalize the potential between the high and low voltage side of AC services. L-com isolating spark gap products are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Connectors		Screw Terminal		



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Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		Gas Discharge Tube		
Protection Modes		Line to Line		
8/20 μ s Surge Current			100	kA
L-L				

Mechanical Specifications

Size

Height	1.54 in	[39.12 mm]
Width	1.54 in	[39.12 mm]
Depth	4.41 in	[112.01 mm]
Weight	1.5 lbs	[680.39 g]
Housing Material and Plating	Thermoplastic	

Environmental Specifications

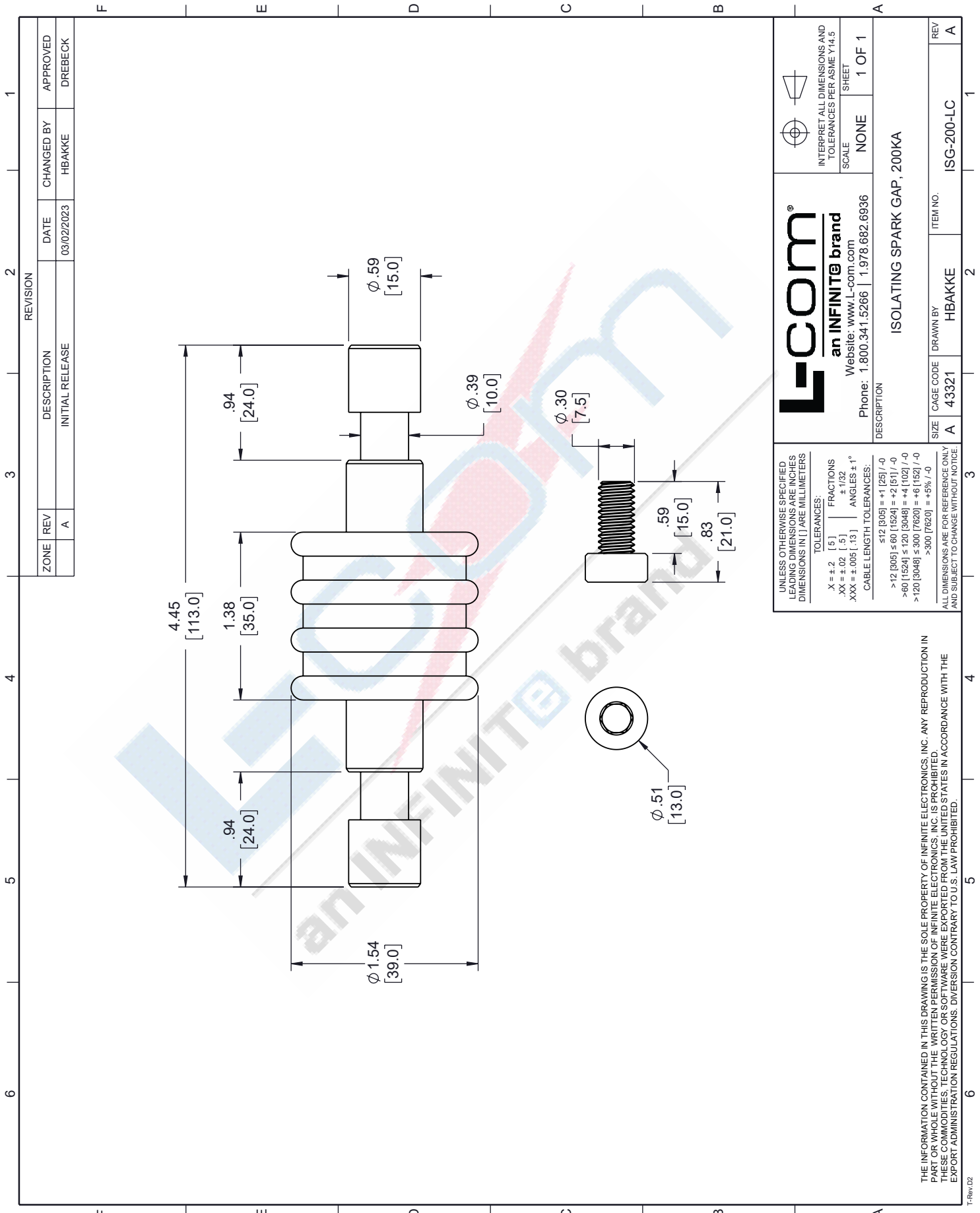
Operating Temperature	-40 to +80 deg C
Mount Type	Inline

Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume any liability arising out of the use of any part or documentation.

ISG-200-LC CAD Drawing

Isolating Spark Gap, 100kA



ZONE		REV		DESCRIPTION		DATE		CHANGED BY		APPROVED	
	A			INITIAL RELEASE		03/02/2023		HBAKKE		DREBECK	

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
SCALE NONE SHEET 1 OF 1

DESCRIPTION: ISOLATING SPARK GAP, 200KA

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
 .X = ±.2 [5] | FRACTIONS ± 1/32
 .XX = ±.02 [.5] | ANGLES ± 1°
 .XXX = ±.005 [.13]

CABLE LENGTH TOLERANCES:
 ≤ 12 [305] = +1 [25] / -0
 > 12 [305] ≤ 60 [1524] = +2 [51] / -0
 > 60 [1524] ≤ 120 [3048] = +4 [102] / -0
 > 120 [3048] ≤ 300 [7620] = +6 [152] / -0
 > 300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

ITEM NO. ISG-200-LC
DRAWN BY HBAKKE
CAGE CODE A 43321
SIZE A

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