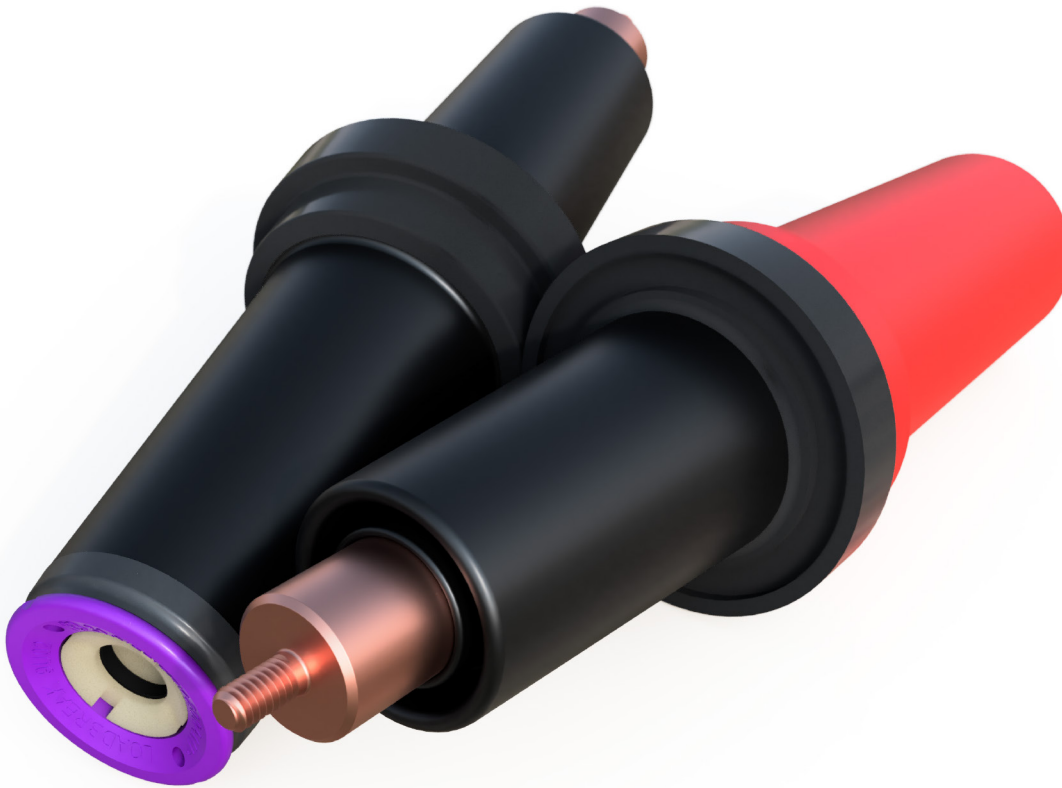


200A 35kV Class Three-Phase Integral Loadbreak Bushing



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Design Features:

- An insulating body is molded from an epoxy formulation designed with excellent electrical and mechanical properties.
- An oil resistant ground shield coating is applied that covers the area from the elbow cuff mating surface to 0.50" beyond the sealing gasket through the tank wall.
- The all-copper current path ensures the coolest operating temperature and highest reliability.
- The gasket location and compression are controlled by the molded in gasket retaining ring.
- All critical dimensions comply with ANSI/IEEE 386 Std. for Separable Insulated Connectors.
- The part fits a Ø2.75" tank mounting hole.
- The recommended torque value for both the external clamp and internal connection is 80 inch-lbs.

The ERMCO Components Incorporated. "SURE MAKE" 200 Amp, 35 kV Class

Three-Phase Rated Loadbreak Integrated Bushing meets all requirements of ANSI/IEEE Standard 386 - Separable Insulated Connector Systems. The bushing combines the advantages of reliable one-piece design with the operating features required for underground distribution switching. The bushing is designed for padmounted transformers, switchgear and other oil filled devices.

The 9U02DBC001 integrated bushing when mated with an appropriate elbow meets the requirements of ANSI/IEEE Std. 386 pertaining to switching, fault closure, interchangeability, voltage and current withstand, and corona extinction when installed in accordance with the published "SURE MAKE" instructions.



For more information about the
35 kV Integrated Bushing, contact your
Ermco Components representative or call
(877) 267-1855

Ratings

Table 1

Voltage Ratings and Characteristics

Description	kV
Maximum continus voltage	35kV RMS
Maximum continuous line to ground voltage	21.1kV RMS
Maximum continuous line to line voltage	36.6kV RMS
60 Hertz hipot (1 minute)	50kV RMS
DC hipot (15 minutes)	103kV
BIL (1.2 x 50 micro-second wave)	150kV Crest
Corona extinction voltage (3 pico-coulombs)	26kV RMS

Voltage ratings and characteristics are in accordance with ANSI/IEEE Standard 386™

Table 2

Current Ratings and Characteristics

Description	Amperes
Continuous current	200 Amp RMS
Switching	10 operations at 200 Amp RMS at 36.6kV
Fault closure	10,000 Amp RMS symmetrical at 36.6kV after 10 switching operations for 0.17s
Short-time current rating	10,000 Amp RMS symmetrical for 0.17s 3,500 Amp RMS symmetrical for 0.3s

Current ratings and characteristics are in accordance with ANSI/IEEE Standard 386™

Ordering Information

Table 3

Bushing, Gasket, and Clamp

Catalog Number	Description
9U02DBC001	Bushing
9U02DBC002	Bushing, Steel Clamp (<i>with zinc chromate</i>), and Gasket
9U02DBC003	Bushing, Stainless Steel Clamp, and Gasket

Table 4

Replacement Parts

Catalog Number	Description
9U09AAW216	Steel Clamp (<i>Zinc electroplate and yellow chromate</i>) and Gasket
9U09AAW262	Stainless Steel Clamp and Gasket
9U09AAW275	Steel Clamp (<i>Zinc electroplate with yellow chromate</i>)
9U09AAW276	Stainless Steel Clamp
9U09AAW277	Nitrile Gasket
7285ZA1599	Red Shipping Cap



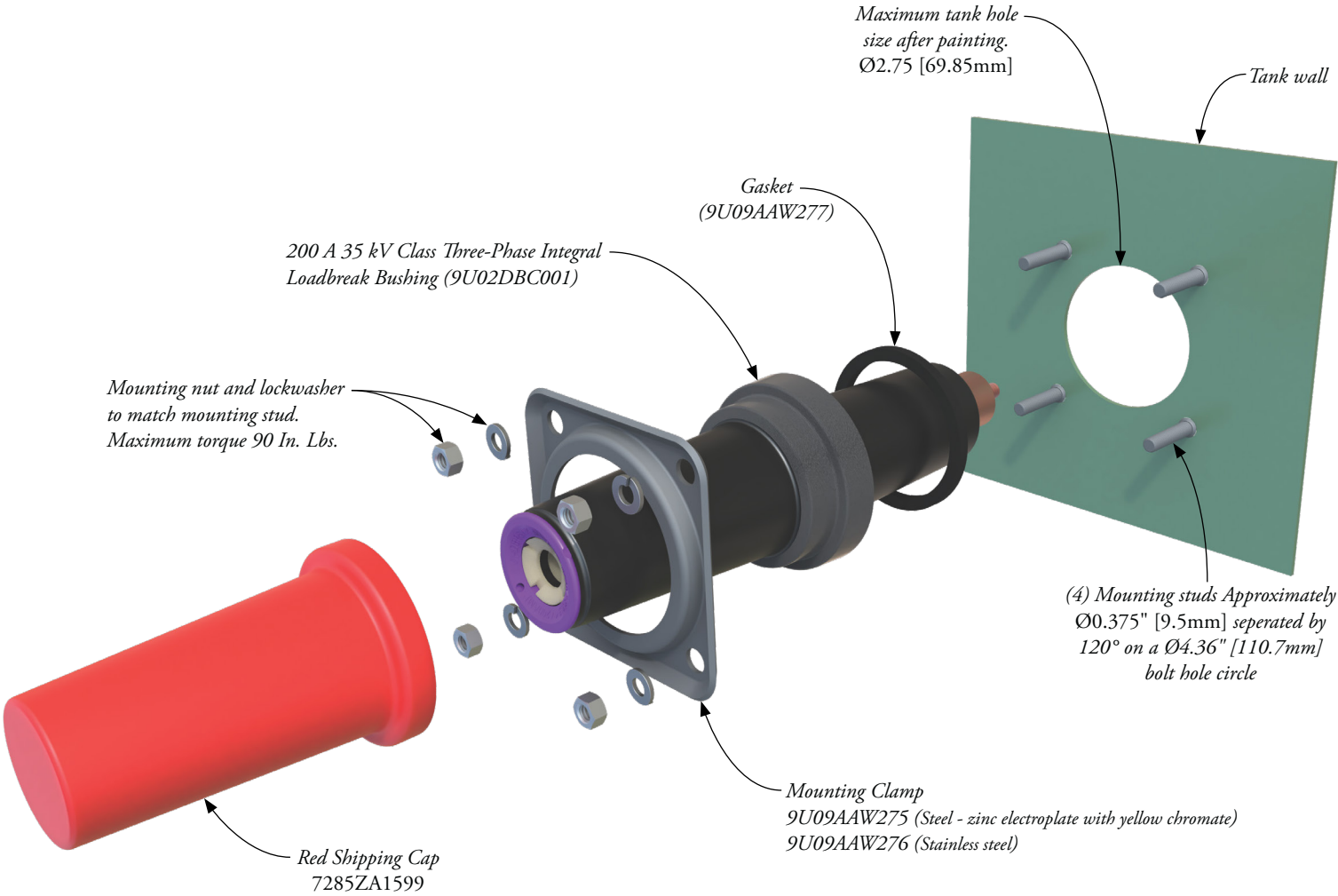


Figure 2
Mounting to Tank Wall

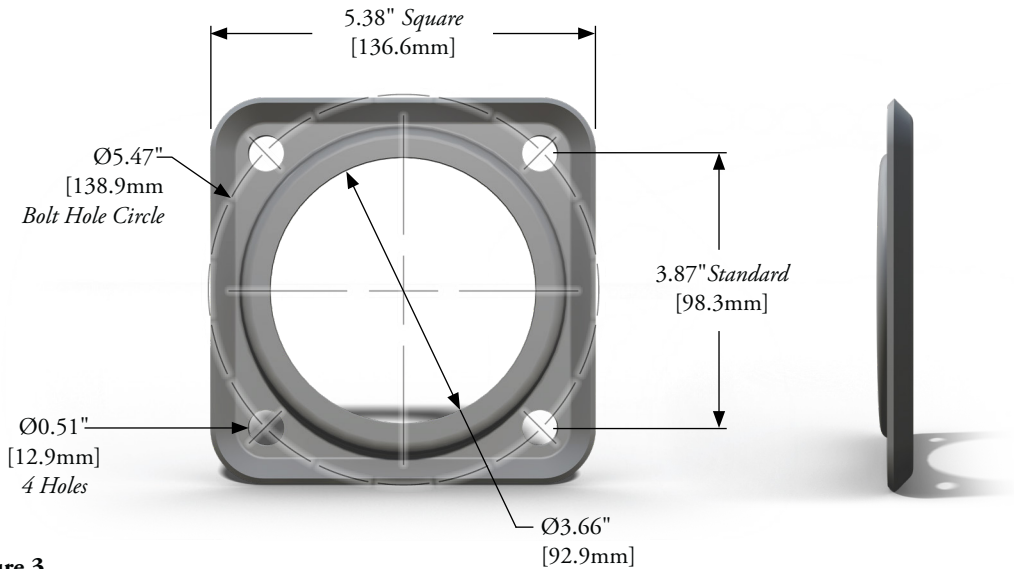


Figure 3
Bushing Clamp

Note: Dimensions are given for reference only.



Made in USA

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