



UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE SURFACES 2 PL DEC 3 PL DEC ANGLES

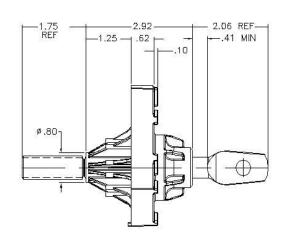
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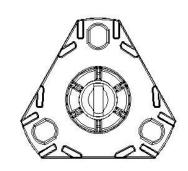
CONT ON SH

OUTLINE (TRICLAMP 5/8 STUD THERMOPLASTIC)

FIRST MADE FOR

LV BUSHING





5/8-11-UNC-2A THREADED STUD

MODEL NUMBER	GASKET PART #	5/8–11 BRASS NUT PART #
9U10BAA002	2A956001P11	N211P33
9U10BAA003	2A956001P11	NONE

0,47 X 0,59 SLOT ON 3,375 DIAMETER BOLT CIRCLE FOR 0,375 STUD

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S/ONS NN-01 BRE-01				
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- B3				PRINTS TO
MADE BY: S. STULPIN 14-SEPT-00	APPROVAL	HICKORY	32B098015	
REISSUED BY: S. STULPIN 26-MAR-01	8	ERMCO	CONT ON SH	5H

ECI 02.06

Certified Test Report

ERMCO Components, Inc.

Low Voltage Bushing with Integral Mounting

Model Numbers 9U10BAA00-

The ERMCO Components, Inc. Low Voltage Bushing is molded from Dupont High Temperature Nylon and meets or exceeds all ECI and Industry requirements.

ELECTRICAL PERFORMANCE:

•	Continuous Current	420 Amps rms	
•	Short-Time Current Rating:		
•	0.25 second duration (6 shots)	15,000 Amp rms Sym	
•	2.0 second duration (1 shot)	15,000 Amp rms Sym	
•	Basic Impulse Level (1.2 x 50 micro-second wave)	30kV Crest	
•	60 Hertz Hipot (one minute)	10kV rms	

MECHANICAL PERFORMANCE:

The bushing conforms to industry standard practice.

Maximum Continuous Line to Ground Voltage

- Direct stud push-out force exceeds 3500 lbs
- Stud twists off before rotating in molding
- 80 ft lbs cantilever bends stud without causing damage to bushing.
- Seal integrity between the molding compound and the current carrying stud certified using Helium mass spectrometer at 1.0×10^{-6} atm cc/sec sensitivity.

THERMAL PERFORMANCE:

• The ERMCO Components, Inc. Tri Clamp Bushing exhibited no cracking and passed electrical tests after thermal cycling between -40°C and 150°C (10 cycles, one cycle / day, six hours transition, six hours dwell).

Date: _	06/24/02	
Name:	Finn Hassing	
Title:	Sr. Engineer, ECI	

600 Volts RMS

D-21 06/02