

COMPONENT SPECIFICATION

USE OR REPRODUCTION OF THIS DRAWING FOR THE PURPOSE OF MANUFACTURING THIS ARTICLE OR ANY ARTICLES SHOWN FOR ANY PURPOSE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION FROM SENIOR INDUSTRIES, INC.

SPECIFICATIONS

MATERIAL

CONNECTOR BODY: HIGH STRENGTH COPPER ALLOY  
 STUD: SILICON BRONZE

MECHANICAL

RANGE: NO. 12 AWG SOL. TO NO. 4 AWG SOL. COPPER WIRE  
 NO. 8 AWG SOL. TO 1/0 AWG STRANDED COPPER WIRES  
 1/0 AWG STRANDED TO NO. 12 AWG SOL. COPPER WIRE

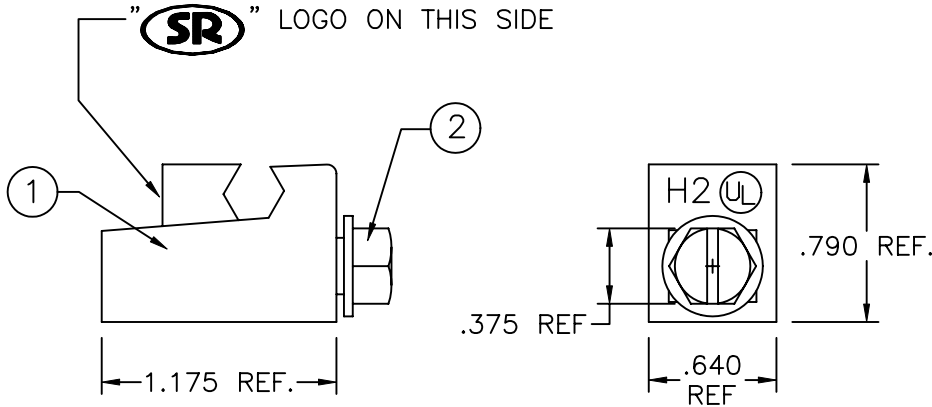
TORQUE STRENGTH: 70 IN-LBS MIN. WITHOUT DEGRADATION, USING 1/0 AWG STR. TO NO. 6 AWG SOL. COPPER CONDUCTORS.

GRIP STRENGTH: USING (2) NO. 6 AWG SOL. COPPER CONDUCTORS AT AN INSTALLED TORQUE OF 12 IN-LBS, THE CONNECTOR WITHSTANDS 35 LBS PULL FORCE, APPLIED TO ONE OF THE CONDUCTORS, WITHOUT SLIPPAGE.

ELECTRICAL

1500 AMPS FOR 20 SECONDS MINIMUM WITHOUT DEGRADATION USING (2) NO. 6 AWG SOL. COPPER WIRES AT AN INSTALLED TORQUE OF 12 ±2 INCH-LBS.

AGENCY APPROVALS: UL FILE NO. E147880



2	STUD, HEX HEAD WASHER
1	CONNECTOR BODY
ITEM	DESCRIPTION



DESIGNED:			SYM.	DATE:	DESCRIPTION OF REVISIONS:	DRAWN:	APPD:	TOLERANCE:	PART NO:	SI-0082
DRAWN:	GAT	04/16/10	▲	04.16.10	NEW	GAT	JF			
CHECKED:	GAT	04/16/10	▲	.	.			TO 2 DECIMAL PLACE: ±	TITLE:	GROUNDING CONECTOR
APPROVED:	JF	04/16/10	▲	.	.			TO 3 DECIMAL PLACES: ±		
3RD ANGLE		UNIT:	inches	SCALE:	1:1	REV.	A	AS ANGLES: ±	SHEET:	1 OF 1