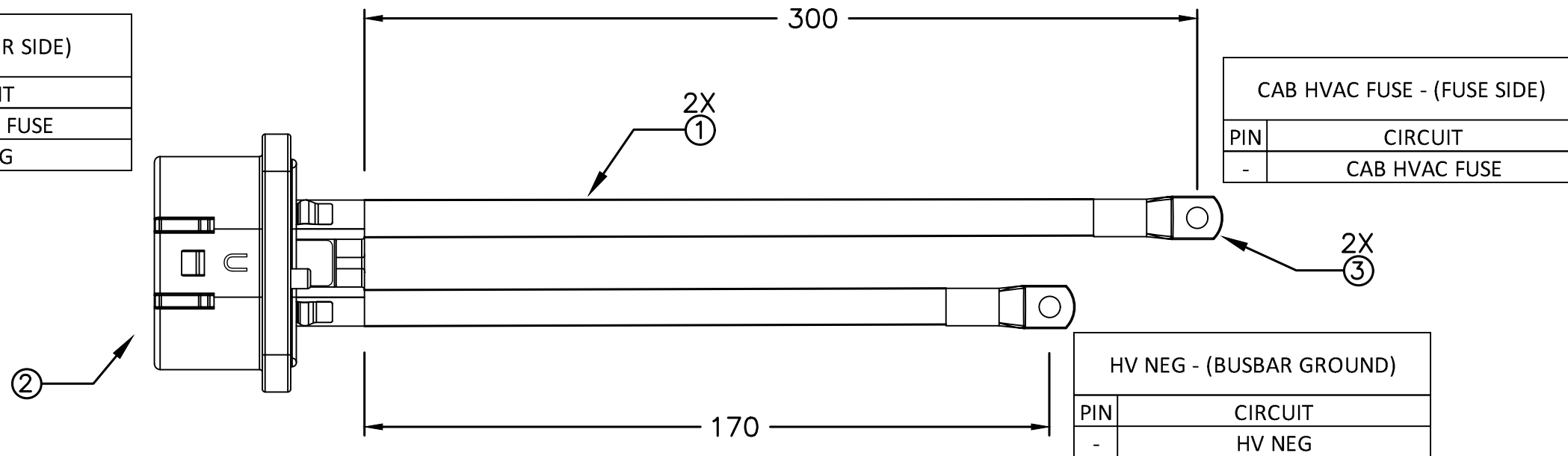


ELR CONNECTOR
MATING FACE

BILL OF MATERIAL			
ITEM	COT PN	QUANTITY	DESCRIPTION
1	10009718	(570mm)	CBL; HIGH VOLTAGE 6MM2 UNSHLD
2	10009672	1	EPOWER-LITE 2R PLUG 6 - U KEY
3	10009704	2	RING TERMINAL 10 AWG #10

X5 - (CONNECTOR SIDE)	
PIN	CIRCUIT
1	CAB HVAC FUSE
2	HV NEG



CAB HVAC FUSE - (FUSE SIDE)	
PIN	CIRCUIT
-	CAB HVAC FUSE

HV NEG - (BUSBAR GROUND)	
PIN	CIRCUIT
-	HV NEG

NOTES:

- DIMENSIONS IN MM
- FOR STANDARD SPOT TAPING, MAIN HARNESS AND ALL BREAKOUTS TO BE SPOT TAPED WITH ORANGE ELECTRICAL TAPE.
- LOOM TO BE SPLIT 300 DEGREE ORANGE. END LOOM 25.4MM FROM INSERTION FACE OF TERMINALS, CABLE GLANDS, AND CONNECTORS UNLESS OTHERWISE SPECIFIED.
- EACH HIGH VOLTAGE CABLE TO BE INDIVIDUALLY LOOMED
- ALL HARNESS BLOCKS TO BE LABELED WITH THE BLOCK NUMBER AND BLOCK DESCRIPTION APPROXIMATELY 25.4MM FROM THE BLOCK. IN CASE OF INLINE CABLE GLAND; PLACE LABEL LOOM-SIDE OF GLAND.
- RING TERMINALS SHALL BE ENVIRONMENTALLY SEALED WITH HIGH VOLTAGE, (MINIMUM RATING OF 1000Vdc), HEAT SHRINK SLEEVE MATCHING TO COLOR OF THE CABLE.
- ALL DIMENSIONS ARE TO BE MEASURED TO THE TERMINAL INSERTION FACE OF CONNECTORS OR TO THE CENTER OF THE RING TERMINAL. UNLESS OTHERWISE SHOWN.
- ANY COMPONENTS SHALL MEET COMPONENT MANUFACTURER'S REQUIREMENTS AND ONLY CHANGED WITH APPROVAL OF CAPACITY ENGINEERING.
- HARNESSES SHALL BE 100% ELECTRICALLY CHECKED FOR CONTINUITY, TRANSPOSITIONS AND SHORTS.
- HARNESSES SHALL BE INSULATION TESTED TO THE STANDARD SPECIFIED ON THE CONNECTOR DATA SHEET. IF NO GUIDELINES ARE SPECIFIED, TEST AT 1000Vdc AND ENSURE THAT INSULATION IS >500MΩ
- HARNESSES TO BE BUILT TO THE STANDARDS OUTLINED IN IPC/WHMA-A-620.
- CONNECT SHIELD TO CABLE GLAND AS SPECIFIED BY MANUFACTURER AND INSULATION TEST TO ENSURE PROPER TERMINATION. SHIELD SHALL BE TRIMMED TO STAY WITHIN THE CABLE GLAND.

A	REMOVED HYG #; CREATED HARNESS DWG	23-0394	9/26/2023	CC
SYM	CHANGE	ERN	DATE	BY
REVISIONS				
	CAPACITY		401 CAPACITY DRIVE LONGVIEW, TEXAS 75604	
	<p>NOTES:</p> <p>1. DO NOT SCALE PRINT. 2. DESTROY ALL PREVIOUS REVISIONS. 3. ALL DRAWING CHANGES ARE TO BE MADE ON CAD SYSTEM ACCORDING TO CAPACITY DRAFTING STANDARDS.</p>	<p>TOLERANCE - UNLESS OTHERWISE NOTED.</p> <p>0.X ± 0.080 0.XX ± 0.030 0.XXX ± 0.010 ANGLE ± 1°</p>	<p>THIS DRAWING AND ALL INFORMATION THEREON IS THE PROPERTY OF CAPACITY OF TEXAS. IT IS LOANED AS CONFIDENTIAL AND MUST NOT BE USED IN ANY WAY THAT IS DETRIMENTAL TO OUR INTERESTS.</p>	
CAB HVAC CABLES				
MATERIAL				
FIRST USED			ECN	23-0394
DRW	CC	DATE 9/26/2023	SIZE	PART NO.
CHK	BDH	DATE 9/27/2023	B	10008045
SCALE	NS	SHEET 1 OF 1		