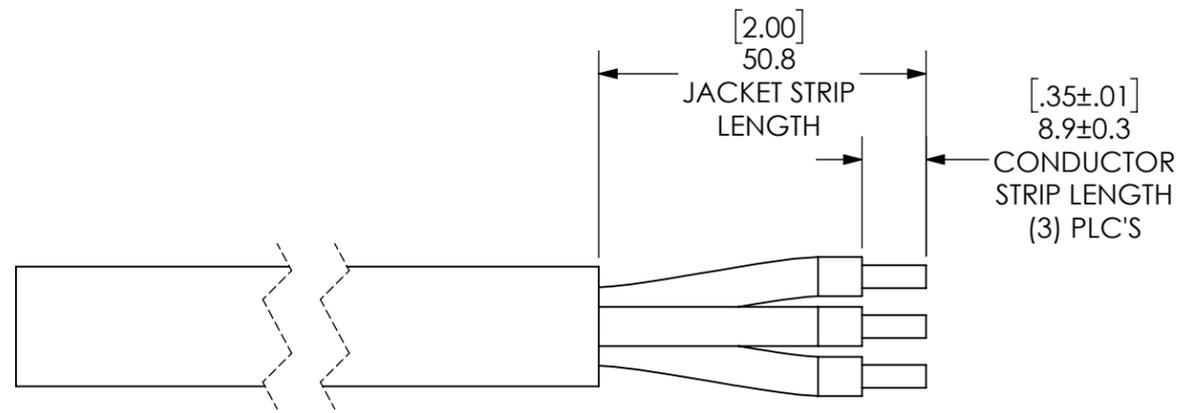


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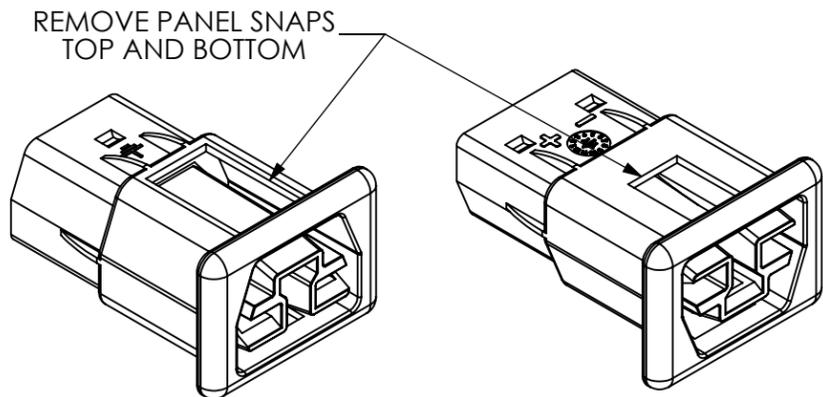
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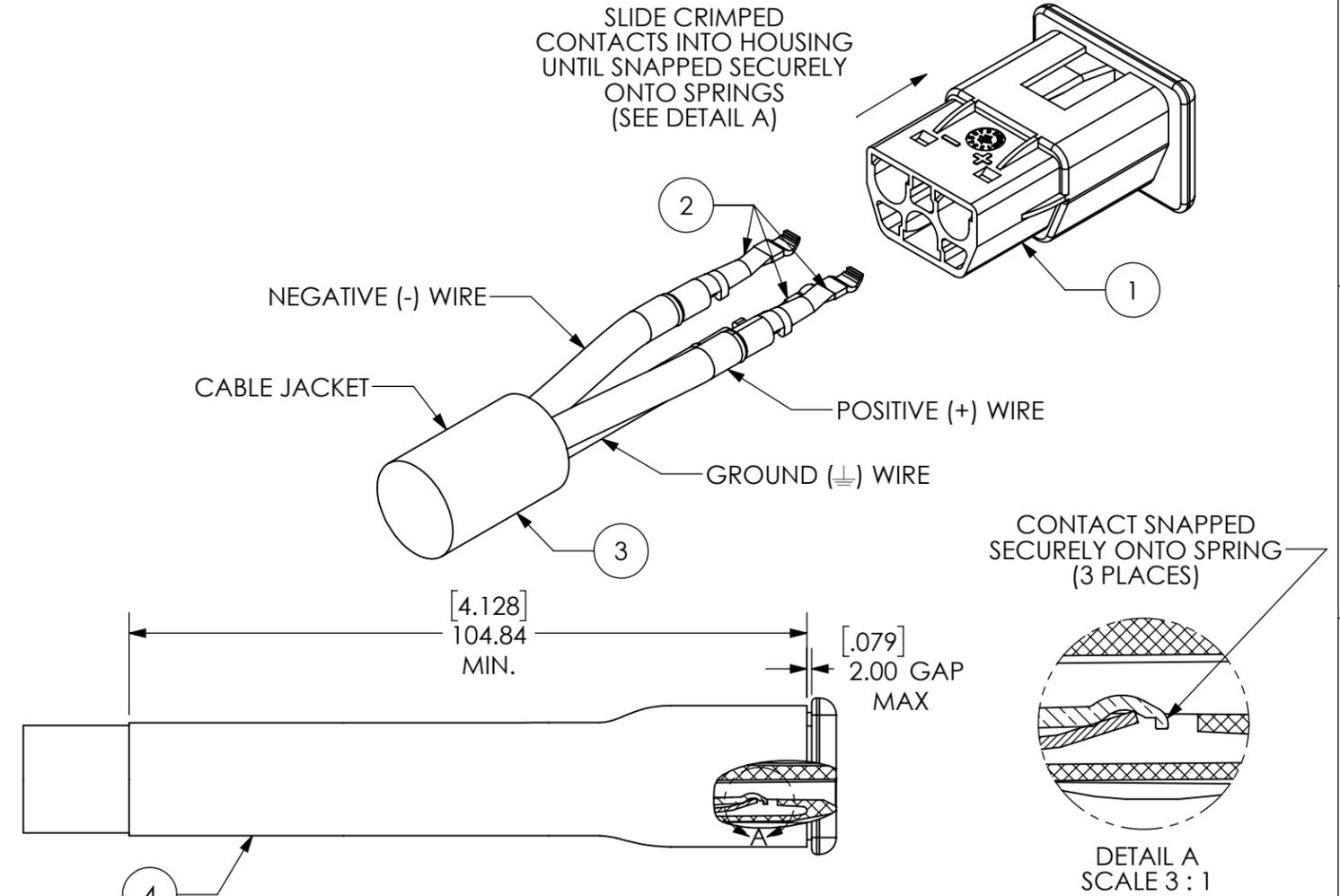
ITEM NO.	PART NUMBER	DESCRIPTION	Extension cord/QTY.
1	2002G3-GRY-BK	SAF-D-GRID STD. RECEPT, 1.0MM PANEL, GRAY	1
2	2003G1-LPBK	SAF-D-GRID RECEPTACLE TERMINAL, 10AWG	3
3	12 AWG ST	12 AWG ST BLACK PVC JACKET 3/C 90°MIN	1
4	H6000P45	HEAT SHRINK TUBE, 1.0" ID, ADHESIVE LINED	1



CABLE PREPARATION (RECEPTACLE END)



CONNECTOR PREPARATION



NOTES:

- POWER AND GROUND CONTACTS HAVE OPPOSITE ORIENTATION
- RECEPTACLE ASSEMBLY INSTRUCTIONS:
 - PREPARE CABLE AND CONNECTOR AS SHOWN ON SHEET 1.
 - CRIMP CONTACTS, ITEM 2, PER 1S6613 IN ORIENTATION SHOWN.
 - SLIDE SHRINK TUBING ONTO CABLE
 - INSERT CONTACTS INTO HOUSING MAKING SURE THAT THE CONTACTS ARE SECURELY SNAPPED ONTO SPRING AS SHOWN IN DETAIL A.
 - SLIDE SHRINK TUBING, ITEM 4, INTO PLACE AS SHOWN AND APPLY HEAT TO SHRINK ONTO CABLE AND CONNECTOR.

REV.	DESCRIPTION	APPRV	DATE
1	ECN 2016-0042 - CORRECT BOM AND P/N	AHR	6/13/16
REVISIONS			

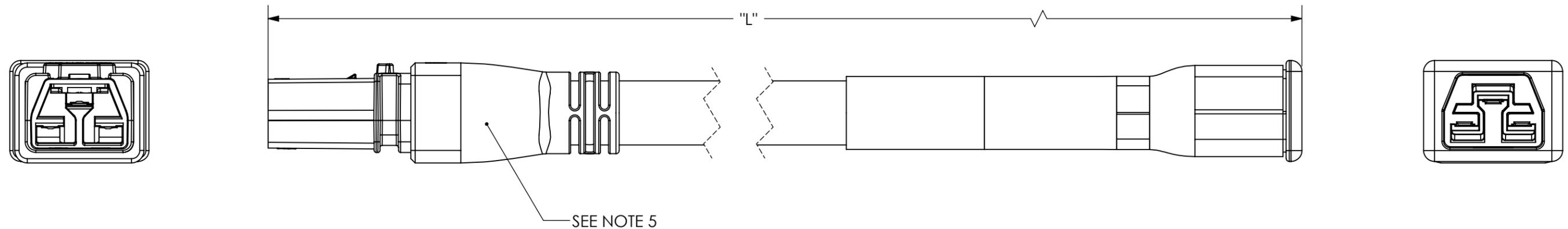
DIMENSIONS ARE IN:		MM [INCH]		APPROVALS		ANDERSON POWER PRODUCTS				
UNLESS OTHERWISE STATED				DRAWN	AHR	3/16/2016	 TITLE SAF-D-GRID® IN-LINE RECEPTACLE/PLUG 12 AWG ST CABLE ASSEMBLY			
TOLERANCES:				CHECKED	CDC	3/17/2016				
DECIMALS (INCH)	DECIMALS (MM)	ANGLES		MFG APPRV	CHB	3/22/2016				
.XX ± .015	.X ± .38	±.5°		QC APPRV	UFN	3/21/2016				
.XXX ± .005	.XX ± .13			ENG APPRV	CLY	3/16/2016				
SURFACE FINISH:				SIZE	B		DWG NO.	B02352G	REV.	1
MACHINED 3.2μ [128μin] ✓				SCALE	1:1		CADFILE	04720	SHEET 1 OF 2	
MOLDED 1.6μ [64μin] ✓				-CAD GENERATED DRAWING- DO NOT MANUALLY UPDATE DO NOT SCALE						
MATERIAL: SEE NOTES				3rd ANGLE PROJECTION						
FINISH: SEE NOTES										

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PART NUMBERS	CONSTRUCTION	FINISHED LENGTH "L" (SEE NOTE 4)		PACKAGE QUANTITY (PCS/BOX)	WIRE SIZE AWG	WIRE COLOR		
		M	FT			POSITIVE (+)	NEGATIVE (-)	GROUND
2035KR2	DOUBLE-ENDED INLINE	2.00	6.56	15	12	WHITE	BLACK	GREEN
2035KR3	DOUBLE-ENDED INLINE	3.00	9.84	10				
2035KR6	DOUBLE-ENDED INLINE	6.00	19.69	7				



NOTES:

- CABLE TYPE: 3-CONDUCTOR, ST BLACK PVC JACKET. UL RATED 600V/90° MIN
- LENGTH "L" TOLERANCE = $+0.10L$
 -0.00
- PLUG ASSEMBLY INSTRUCTIONS
1. ASSEMBLY PLUG PER DRAWING# B02072G.
- ASSEMBLY TO BE 100% CHECKED FOR CONTINUITY, POLARITY AND DIELECTRIC WITHSTAND VOLTAGE AT 1,500 VAC FOR 15 SECONDS.

DIMENSIONS ARE IN:	MM [INCH]	APPROVALS		 ANDERSON POWER PRODUCTS	
UNLESS OTHERWISE STATED		DRAWN	AHR		3/16/2016
TOLERANCES:		CHECKED	CDC	3/17/2016	
DECIMALS (INCH)	DECIMALS (MM)	ANGLES	MFG APPRV	CHB	3/22/2016
.XX ± .015	.X ± .38	±.5°	QC APPRV	UFN	3/21/2016
.XXX ± .005	.XX ± .13		ENG APPRV	CLY	3/16/2016
SURFACE FINISH:		-CAD GENERATED DRAWING- DO NOT MANUALLY UPDATE DO NOT SCALE			
MACHINED	3.2μ [128μin]	SIZE B			
MOLDED	1.6μ [64μin]	DWG NO. B02352G			
MATERIAL: SEE NOTES		REV. 1			
FINISH: SEE NOTES		SCALE 1:1			
 3rd ANGLE PROJECTION		CADFILE 04720			
		SHEET 2 OF 2			