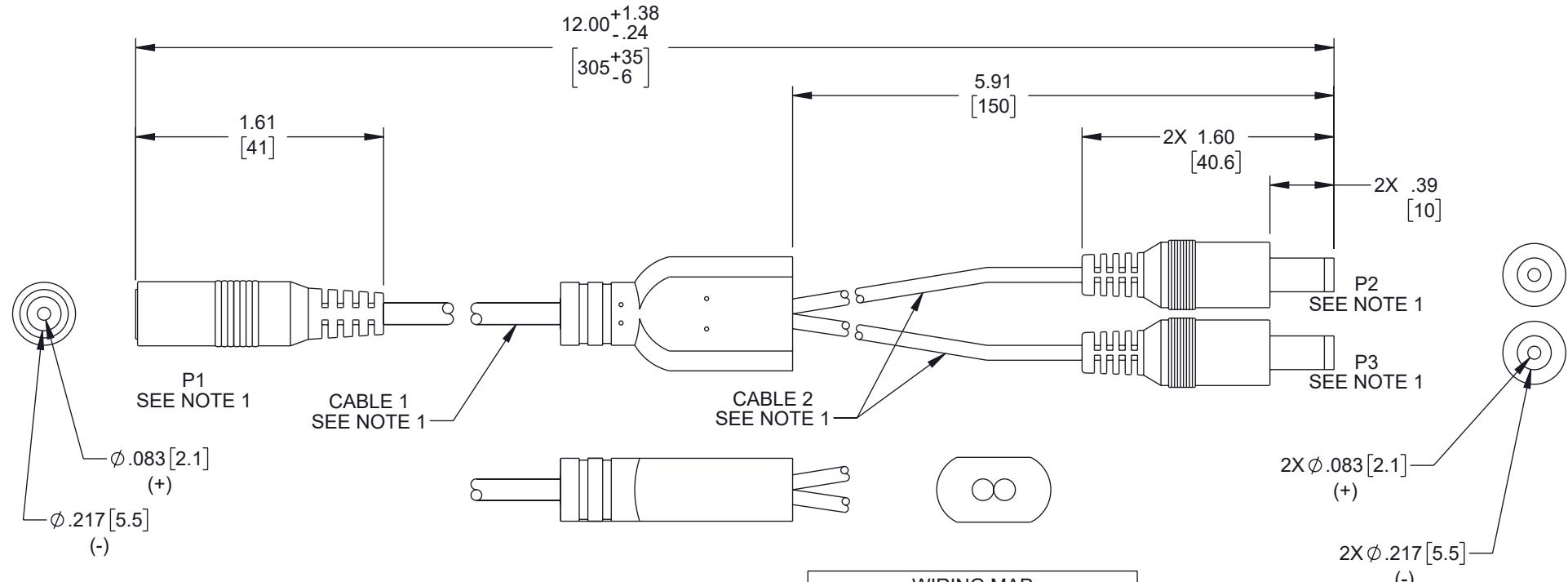


REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	02/08/2024	AKRESOWSKI	GUTTADAURO

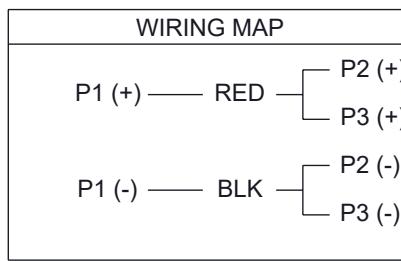


## NOTES:

- MATERIAL:  
CABLE 1: 20 AWG, 2 CONDUCTORS,  
PVC JACKET OD:  $0.197 \pm 0.006$  [5 ± 0.15]  
MARKING: AWM 2464 80°C 300V 20AWG\*2C VW-1  
CABLE 2: 24 AWG, 2 CONDUCTORS,  
PVC JACKET OD:  $0.138 \pm 0.006$  [3.5 ± 0.15]  
MARKING: AWM 2464 80°C 300V 24AWG\*2C VW-1  
P1 PLUG: DC Ø 5.5 X 2.1 mm FEMALE, NICKEL PLATED  
SHELL, INSULATOR COLOR: BLACK  
MOLDED PVC BOOT.  
P2, P3 PLUG: DC Ø 5.5 X 2.1 mm MALE, NICKEL PLATED  
SHELL, INSULATOR COLOR: BLACK  
MOLDED PVC BOOT.
- ELECTRICAL TEST:  
100% OPEN SHORT AND MISS WIRE TEST.  
CONDUCTIVE RESISTANCE: 0.2 Ω MAX.  
INSULATION RESISTANCE: 10 MΩ MIN AT 300V DC.

REGULATORY COMPLIANCE:  
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

**TOLERANCES:**  
X = ±.2 [5]      FRACTIONS  
XX = ±.02 [0.5]      ± 1/32  
XXX = ±.005 [0.13]      ANGLES ± 1°

**CABLE LENGTH TOLERANCES:**  
≤12 [305] = ±1 [25] / -0  
>12 [305] ≤ 60 [1524] = ±2 [51] / -0  
>60 [1524] ≤ 120 [3048] = ±4 [102] / -0  
>120 [3048] ≤ 300 [7620] = ±6 [152] / -0  
>300 [7620] = ±5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE  
UN-DIMENIONED/NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE	Sheet
NONE	1 OF 1

**DESCRIPTION**  
DC POWER CABLE, 5.5mm/2.1mm FEMALE TO DUAL MALE, 1 FT

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	AKRESOWSKI	DC55212MF	A