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REVISION

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

F

E

D

C

B

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F

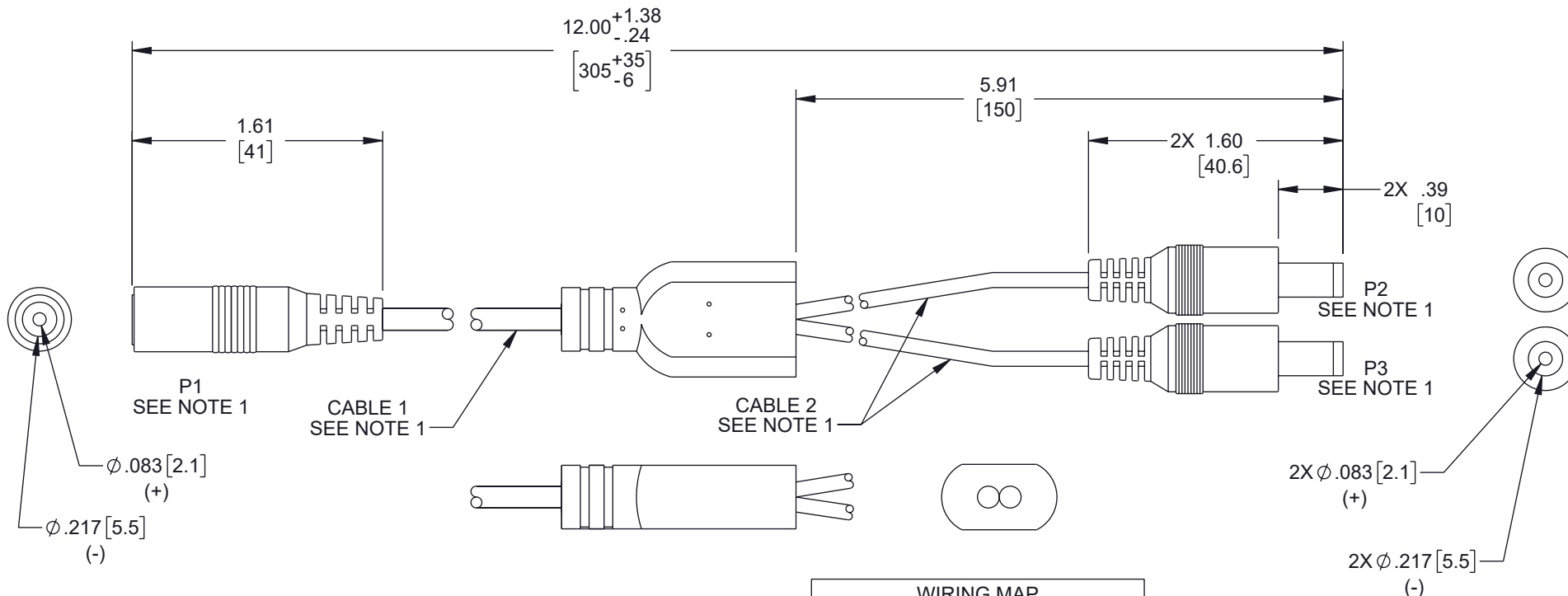
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NOTES:

- MATERIAL:**
CABLE 1: 20 AWG, 2 CONDUCTORS,
PVC JACKET OD: .197 ±.006 [5 ±0.15]
MARKING: AWM 2464 80°C 300V 20AWG*2C VW-1
CABLE 2: 24 AWG, 2 CONDUCTORS,
PVC JACKET OD: .138 ±.006 [3.5 ±0.15]
MARKING: AWM 2464 80°C 300V 24AWG*2C VW-1
P1 PLUG: DC Ø5.5 X 2.1 mm FEMALE, NICKEL PLATED
SHELL, INSULATOR COLOR: BLACK
MOLDED PVC BOOT.
P2, P3 PLUG: DC Ø5.5 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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WIRING MAP

P1 (+)	RED	P2 (+)
		P3 (+)
P1 (-)	BLK	P2 (-)
		P3 (-)

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

TOLERANCES:
X = ±.2 [5]
XX = ±.02 [0.5]
XXX = ±.005 [0.13]
FRACTIONS
± 1/32
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-DIMENSIONED/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
NONE
SHEET
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

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