

REVISION

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

F

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E

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D

D

C

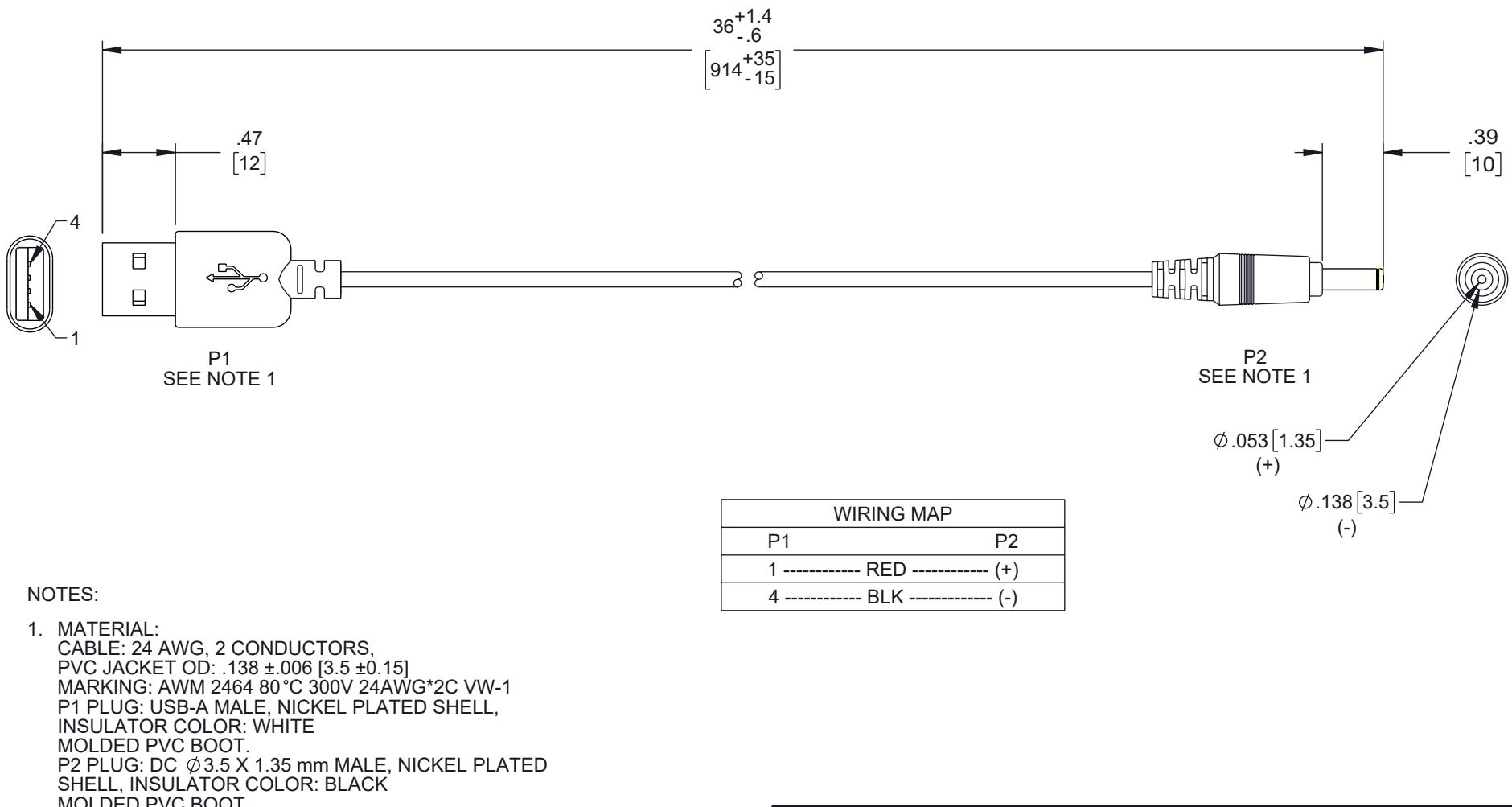
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NOTES:

1. MATERIAL:
CABLE: 24 AWG, 2 CONDUCTORS,
PVC JACKET OD: $.138 \pm .006$ [3.5 ± 0.15]
MARKING: AWM 2464 80°C 300V 24AWG*2C VW-1
P1 PLUG: USB-A MALE, NICKEL PLATED SHELL,
INSULATOR COLOR: WHITE
MOLDED PVC BOOT.
P2 PLUG: DC ϕ 3.5 X 1.35 mm MALE, NICKEL PLATED SHELL, INSULATOR COLOR: BLACK
MOLDED PVC BOOT.
2. ELECTRICAL TEST:
100% OPEN SHORT AND MISS WIRE TEST.
CONDUCTIVE RESISTANCE: 0.2Ω MAX.
INSULATION RESISTANCE: $10 M\Omega$ 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:
 $X = \pm .2$ [5]
 $XX = \pm .02$ [0.5]
 $XXX = \pm .005$ [0.13]

FRACTIONS	$\pm 1/32$
ANGLES	$\pm 1^\circ$

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] = $\pm 5\%$ / -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	Sheet
NONE	1 OF 1

DESCRIPTION
DC POWER CABLE, USB TO 3.5mm/1.35mm MALE, 3 FT

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	AKRESOWSKI	DC3513MU	A