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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

A

F

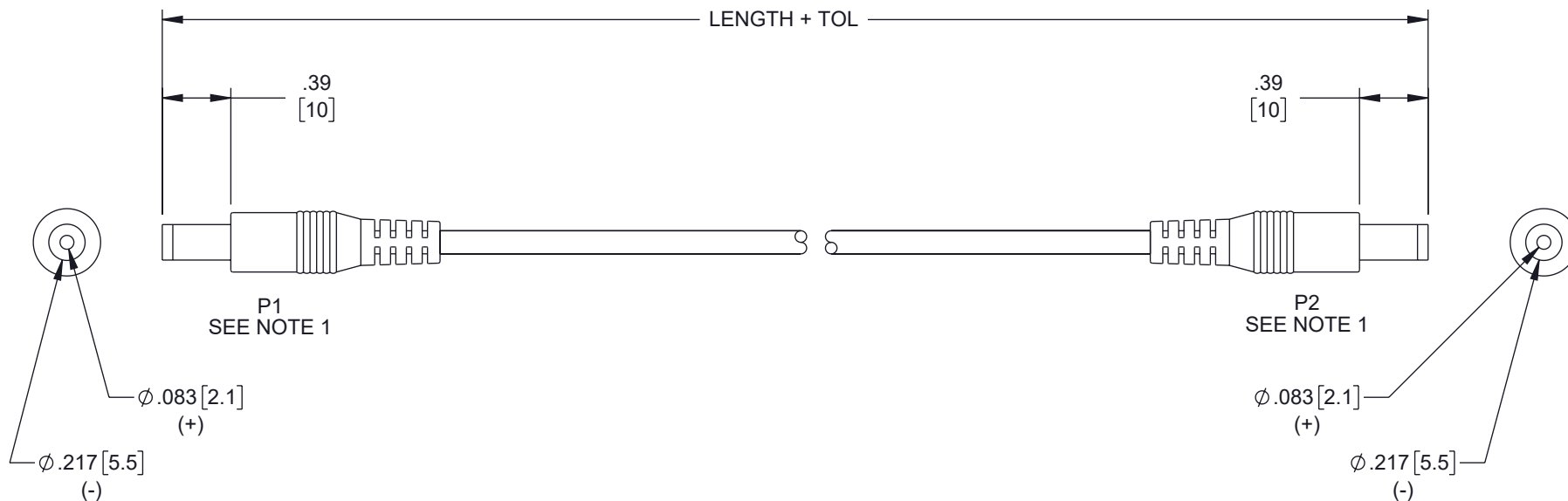
E

D

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P1
SEE NOTE 1P2
SEE NOTE 1 $\phi .083 [2.1]$
(+) $\phi .217 [5.5]$
(-) $\phi .083 [2.1]$
(+) $\phi .217 [5.5]$
(-)

WIRING MAP

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

ITEM NO.	LENGTH	TOLERANCE
DC5521MM-1FT	12 [305]	+1.4 [35] / -.6 [15]
DC5521MM-2FT	24 [610]	+1.4 [35] / -.6 [15]
DC5521MM-3FT	36 [914]	+1.4 [35] / -.6 [15]

NOTES:

- MATERIAL:**
CABLE: 22 AWG, 2 CONDUCTORS,
PVC JACKET OD: .157 $\pm$.006 [4 $\pm$ 0.15]
MARKING: AWM 2464 80°C 300V 22AWG*2C VW-1
P1 PLUG: DC ϕ 5.5 X 2.1 mm MALE, NICKEL PLATED SHELL,
INSULATOR COLOR: BLACK
MOLDED PVC BOOT.
P2 PLUG: DC ϕ 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 M Ω 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] FRACTIONS
XX = $\pm$ 02 [0.5] $\pm$ 1/32
XXX = $\pm$ 005 [0.13] ANGLES $\pm$ 1°

CABLE LENGTH TOLERANCES:
 $\leq$ 12 [305] = +1 [25] / -0
 $>$ 12 [305] $\leq$ 60 [1524] = +2 [51] / -0
 $>$ 60 [1524] $\leq$ 120 [3048] = +4 [102] / -0
 $>$ 120 [3048] $\leq$ 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	SHEET
NONE	1 OF 1

DESCRIPTION

DC POWER CABLE, 5.5mm/2.1mm MALE TO MALE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	AKRESOWSKI	DC5521MM	A