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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

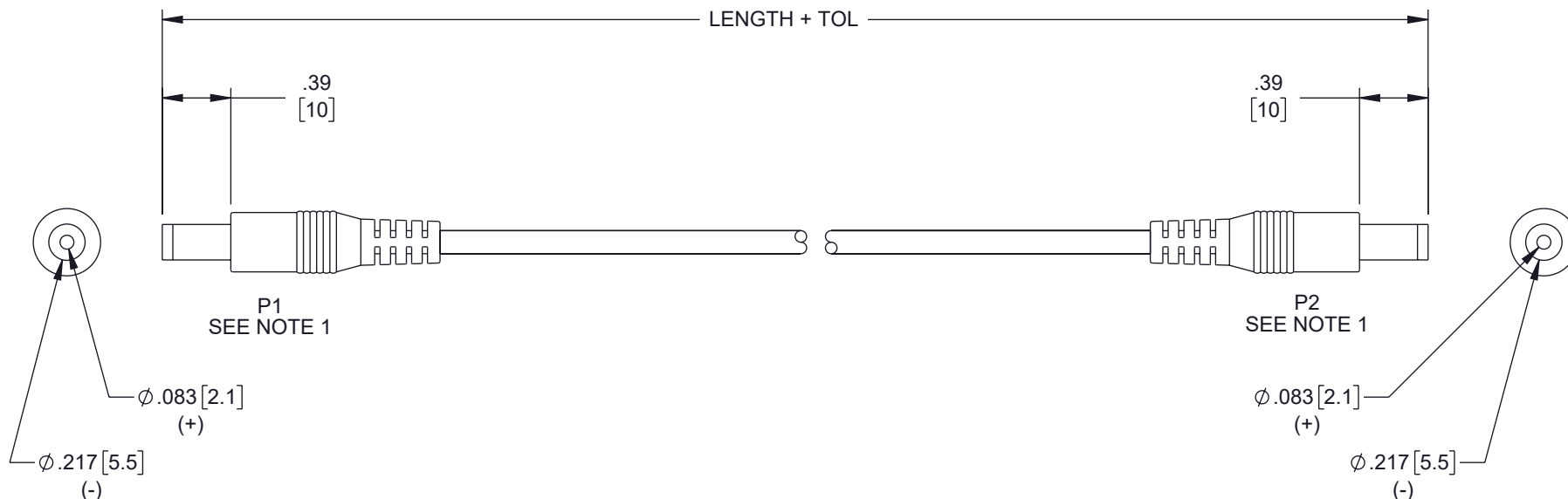
E

D

C

B

A

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  $\phi$ 5.5 X 2.1 mm MALE, NICKEL PLATED SHELL,  
INSULATOR COLOR: BLACK  
MOLDED PVC BOOT.  
P2 PLUG: DC  $\phi$ 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  $\Omega$  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] FRACTIONS  
XX =  $\pm$ 0.02 [0.5]  $\pm$  1/32  
XXX =  $\pm$ 0.005 [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