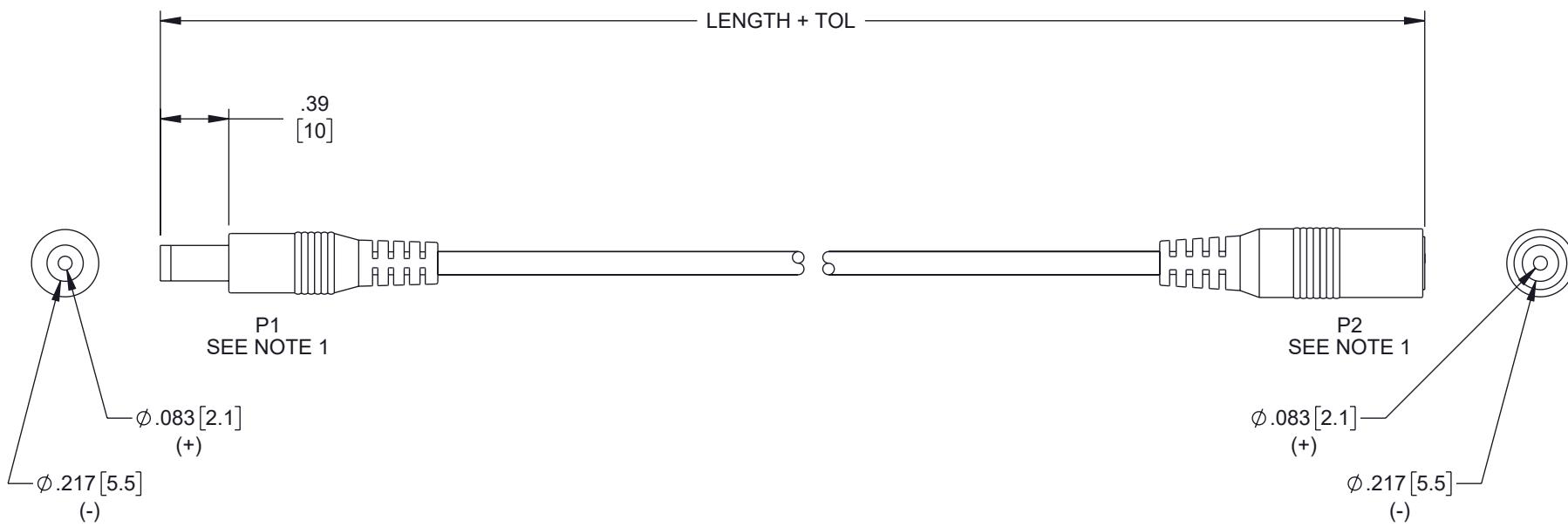


REVISION

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



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

ITEM NO.	LENGTH	TOLERANCE
DC5521MF-1FT	12 [305]	+1.4 [35] / -.6 [15]
DC5521MF-2FT	24 [610]	+1.4 [35] / -.6 [15]

NOTES:

1. MATERIAL:
CABLE: 22 AWG, 2 CONDUCTORS,
PVC JACKET OD: $.157 \pm .006$ [4 $\pm .15$]
MARKING: AWM 2468 80°C 300V 22AWG*2C VW-1
P1 PLUG: DC $\phi 5.5 \times 2.1$ mm MALE, NICKEL PLATED SHELL,
INSULATOR COLOR: BLACK
MOLDED PVC BOOT.
P2 PLUG: DC $\phi 5.5 \times 2.1$ mm FEMALE, NICKEL PLATED
SHELL, INSULATOR COLOR: BLACK
MOLDED PVC BOOT.
2. 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 = $\pm .2$ [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, 5.5mm/2.1mm MALE TO FEMALE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	AKRESOWSKI	DC5521MF	A