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REVISION

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

F

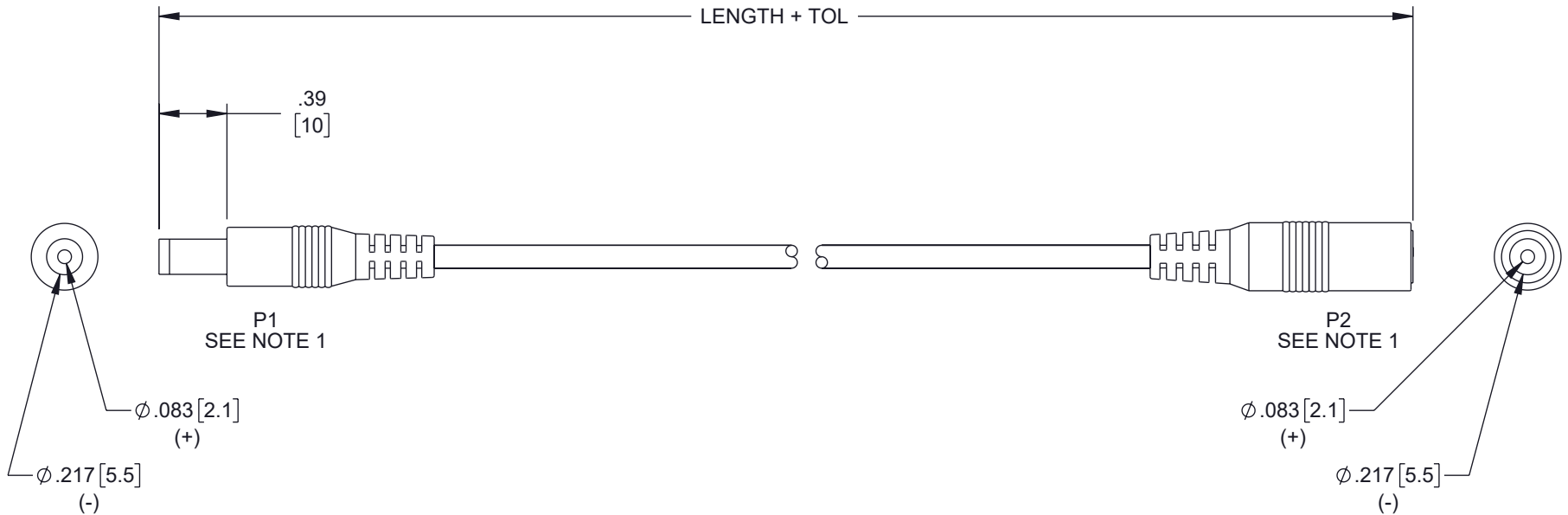
E

D

C

B

A



WIRING MAP

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

ITEM NO.	LENGTH	TOLERANCE
50-162-1FT	12 [305]	+1.4 [35] / -.6 [15]
50-162-2FT	24 [610]	+1.4 [35] / -.6 [15]

NOTES:

- MATERIAL:**
CABLE: 22 AWG, 2 CONDUCTORS,
PVC JACKET OD: $.157 \pm .006 [4 \pm 0.15]$
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.

- 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 $\pm 1^\circ$

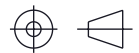
CABLE LENGTH TOLERANCES:
 $\leq 12 [305] = +1 [25] / -0$
 $>12 [305] \leq 60 [1524] = +2 [51] / -0$
 $>60 [1524] \leq 120 [3048] = +4 [102] / -0$
 $>120 [3048] \leq 300 [7620] = +6 [152] / -0$
 $>300 [7620] = +5\% / -0$

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 CA, 5.5mm/2.1mm M TO F

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	AKRESOWSKI	50-162-XXX	A

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