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REVISION

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

LENGTH + TOL

 $.12 \pm .04$
[3±1]

BLUNT CUT

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

WIRING MAP

P1	OPEN
(+) -----	RED -----
(-) -----	BLK -----

ITEM NO.	LENGTH	TOLERANCE
DC5521FO-1FT	12 [305]	+1.4 [35] / -.6 [15]
DC5521FO-2FT	24 [610]	+1.4 [35] / -.6 [15]
DC5521FO-3FT	36 [914]	+1.4 [35] / -.6 [15]

NOTES:

- MATERIAL:
CABLE: 22 AWG, 2 CONDUCTORS,
PVC JACKET OD: .071 X .142 ±.006 [1.8 X 3.6 ±0.15]
MARKING: AWM 2468 80°C 300V 22AWG*2C VW-1
P1 PLUG: DC $\phi 5.5$ X 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 = ±.2 [5]
XX = ±.02 [0.5]
XXX = ±.005 [0.13]
FRACTIONS
± 1/32
ANGLES ± 1°

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] = +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 FEMALE TO OPEN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	AKRESOWSKI	DC5521FO	A