

87654321

NOTES (UNLESS SPECIFIED OTHERWISE):

1.0 DESCRIPTION AND APPLICATION:
1.1 ASSEMBLY TO BE USED IN A COMMERCIAL PRODUCT (INDOOR USE).

2.0 APPLICABLE DOCUMENTATION:
2.1 INTERPRET DRAWING PER ASME Y14.5-2009 DIMENSIONING AND TOLERANCING STANDARDS.

3.0 REQUIREMENTS:
3.1 IF PROVIDED, ALL DIMENSIONS SHOWN SHALL BE CHECKED DURING FIRST ARTICLE INSPECTION. FAI MUST BE APPROVED FOR THE SPECIFIC REVISION OF THIS ASSEMBLY PRIOR TO SHIPMENT OF PARTS.
3.2 DIMENSIONS INDICATED BY (X.XXX) ARE PROCESS CONTROL/MONITORING DIMENSIONS.
3.3 PARTS MUST BE FREE OF ANY FOREIGN MATERIAL, INCLUDING BUT NOT LIMITED TO: DIRT, CHIPS, OIL, AND OTHER CONTAMINANTS.
3.4 NO CHANGES SHALL BE ALLOWED, REGARDLESS OF WHETHER SUCH CHANGE AFFECTS CHARACTERISTICS, WITHOUT PRIOR EXPLICIT APPROVAL BY PUMP STUDIOS AND/OR VOTINGWORKS.
3.5 INSTALL SPADE TERMINALS PER MANUFACTURER'S RECOMMENDATION.
3.6 ADD LABEL AT INDICATED LOCATION WITH PRINTED BLACK TEXT "VX~02-00079-A" PER MANUFACTURER RECOMMENDATION. MINIMUM FONT HEIGHT = 2 MM.
3.7 ADD BLACK HEAT SHRINK TUBING TO COVER EXPOSED SHIELD WIRE AND END OF JACKET PRIOR TO CRIMPING SPADE TERMINALS.

REV. A

DESCRIPTION INITIAL RELEASE

CR # -

DATE 10/10/2024

SUBMITTED BY DBC

1

1

3.6

MFG: BRADY
P/N: B-427
QTY: 1

3.5

2
2

WHITE WIRE

BLACK (SHIELD) WIRE

460±7

WIRE TABLE

CENTER	WHITE
SLEEVE	BLACK (SHIELD)

MATERIAL
SEE BOM

FINISH
SEE BOM

COLOR
SEE BOM

EST. WEIGHT
5.42

ENGINEER
DBC

RELEASE DATE
10/10/2024

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
DO NOT SCALE DRAWING

TOLERANCES: SEE NOTES

THIRD ANGLE
PROJECTION

APPROVED BY
PAK

APPROVED DATE
10/24/2024

CAD TYPE
MULTI PART ASSEMBLY

VotingWorks

DESCRIPTION
CABLE, SBC POWER, 12V

PART NUMBER
VX~02-00079

SIZE
B

SCALE
2:1

SHEET
1 OF 1

REV.
A

2	2	MOLEX~191310036	SPADE TERMINAL, 18AWG, #8, PARTIALLY INSULATED
1	1	TENSILITY~10-03919	CABLE ASSEMBLY, BARREL PLUG, 2.5X5.5 MM, RIGHT ANGLE, SHIELDED
ITEM NO.	QTY.	PART number	Description

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