

1. SCOPE:

THIS SOURCE CONTROL DRAWING COVERS THE DETAILED REQUIREMENTS FOR FABRICATING THE STANDARD .5 METER MOTOR EXTENSION CABLE FOR 9 PIN JST EQUIPPED MOTORIZED DRIVE ROLLER

2. APPLICABLE DOCUMENTS:

NONE

3. REQUIREMENTS:

REQUIREMENTS SHOWN ARE FOR A SINGLE INDIVIDUAL CABLE ASSEMBLY

4. QUALITY:

CABLE SHALL NOT HAVE ANY OPEN OR SHORT CONNECTIONS BETWEEN PINS, NO MIS-WIRING, OR NO INTERMITTENT FAILURES

CABLE SHALL BE CONTINUITY CHECKED ON ALL PINS

CABLE SHALL HAVE 300 VDC TEST, INSULATION RESISTANCE OF 5 MΩ MINIMUM, AND CONDUCTANCE RESISTANCE OF 5.0Ω MAXIMUM

BUYER RESERVES RIGHT TO TEST ANY PIECE FOR COMPLIANCE TO THESE REQUIREMENTS AND RETURN FOR CREDIT

OR REPLACEMENT OF ANY NON-CONFORMING ITEM

5. PREPARATION FOR DELIVERY:

CABLES ARE NOT TO BE INDIVIDUALLY PACKAGED AND ARE TO BE PACKAGED IN SINGLE BAGS OF 10 PIECES EACH

BILL OF MATERIAL

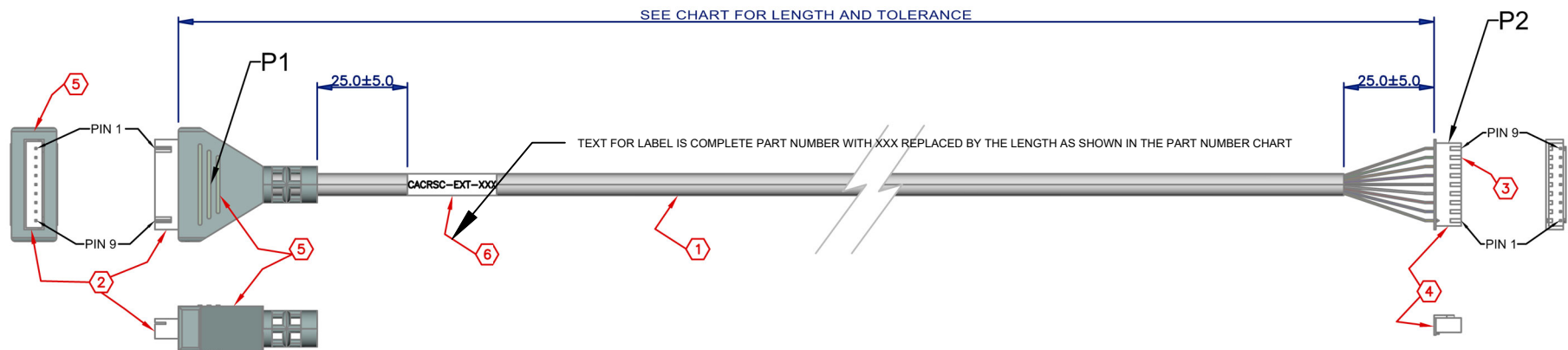
REF	QTY	MANUFACTURER	PART NUMBER	DESCRIPTION
1	500 mm	BELDEN OR EQUIV.	9423 OR EQUIV	CABLE, 22 AWG, 9 COND., UNSHIELDED, PVC JACKET, 150V, 80°C
2	1	JST	B9B-XH-A	HEADER, 2.5MM SPACING, MALE, 9 PIN, 3A
3	9	JST	SXH-001-T-PO0.6	TERMINAL, CRIMP STYLE, 3A
4	1	JST	XHP-9	CONNECTOR HOUSING, 2.5MM SPACING, FEMALE, 9 CIRCUIT, 3A
5	1			PVC MOLD, TYPE 45P
6	1	BRADY OR EQUIV	PS-375-2W-S	LABEL, HEAT-SHRINK SLEEVE, 2 in. X .125 X .320

PART NUMBER CHART

PART NUMBER	LENGTH [mm]	TOLERANCE
CACRSC-EXT-050	500	-0 / +5
CACRSC-EXT-100	1000	-0 / +5
CACRSC-EXT-150	1500	-0 / +5
CACRSC-EXT-200	2000	-0 / +5

WIRING CHART

P1 PIN	P2 PIN	WIRE COLOR
1	1	YELLOW
2	2	BLUE
3	3	RED
4	4	WHITE
5	5	BLACK
6	6	VIOLET
7	7	ORANGE
8	8	GREEN
9	9	BROWN



SOURCE CONTROL DRAWING

PART NUMBER: SEE PART NUMBER CHART

PART DESCRIPTION: CABLE, MOTOR EXTENSION, [SEE LENGTH IN PART NUMBER CHART]

A	03-SEP-2026	UPDATED TITLEBLOCK		THE INFORMATION CONTAINED HEREIN IS CONFIDENTIAL, IS SUBMITTED IN CONFIDENCE, AND IS PROPRIETARY INFORMATION OF PULSEROLLER AND SHALL BE USED ONLY IN CONJUNCTION WITH AND PERFORMANCE OF THE CONTRACT OF WHICH THIS DRAWING FORMS A PART, AND SHALL NOT, WITHOUT PULSEROLLER PRIOR WRITTEN APPROVAL, BE REPRODUCED OR IN ANY OTHER WAY USED IN WHOLE OR IN PART BY OTHERS.	DATE: 24-MAR-2025 DESIGNED BY: JPK CHECKED BY: SCALE: NONE SHEET:	TITLE: MOTOR EXTENSION CABLE - JST 9-PIN JST CONNECTORS MALE/FEMALE FOR: ACCESSORIES PULSEROLLER STANDARDS DWG. NO: CACRSC-EXT-XXX ANSI A REV: A	 PULSEROLLER www.pulseroller.com global_support@pulseroller.com support@pulseroller.com global_sales@pulseroller.com sales@pulseroller.com
REV.	DATE	DESCRIPTION	✓				