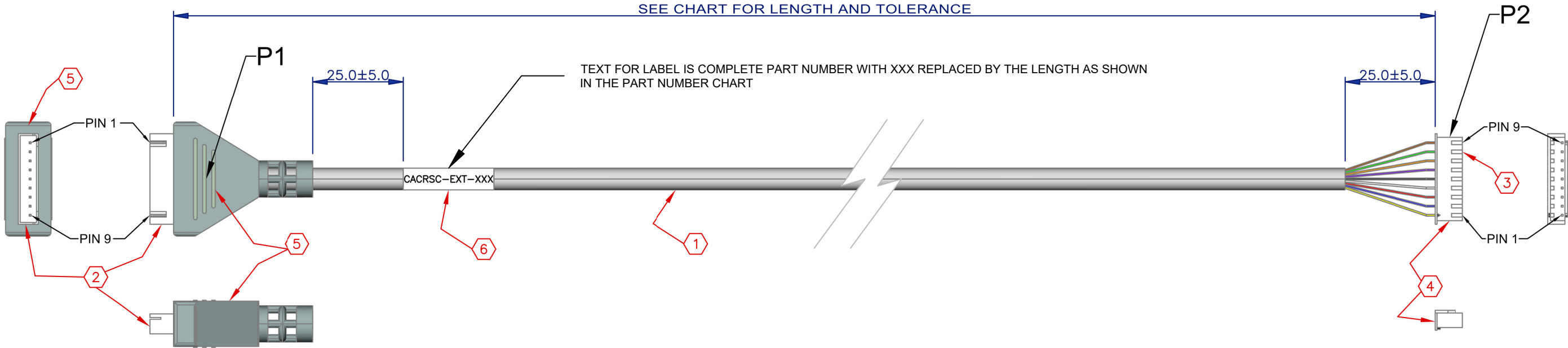


1. SCOPE:
THIS SOURCE CONTROL DRAWING COVERS THE DETAILED REQUIREMENTS FOR FABRICATING THE STANDARD .5 METER
MOTOR EXTENSION CABLE FOR 9 PIN JST EQUIPPED MOTORIZED DRIVE ROLLER
2. APPLICABLE DOCUMENTS:
NONE
3. REQUIREMENTS:
REQUIREMENTS SHOWN ARE FOR A SINGLE INDIVIDUAL CABLE ASSEMBLY
4. QUALITY:
CABLE 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	02-SEP-2026	UPDATED TITLE BLOCK		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	TITLE: MOTOR EXTENSION CABLE 9-PIN JST CONNECTORS MALE/FEMALE		 PULSEROLLER www.pulseroller.com global_support@pulseroller.com support@pulseroller.com global_sales@pulseroller.com sales@pulseroller.com
					DESIGNED BY: JPK	FOR: ACCESSORIES PULSEROLLER STANDARDS		
					CHECKED BY:			
					SCALE: NONE			
REV.	DATE	DESCRIPTION	✓		SHEET:	DWG. NO: CACRSC-EXT-xxx ANSI B	REV: A	