

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

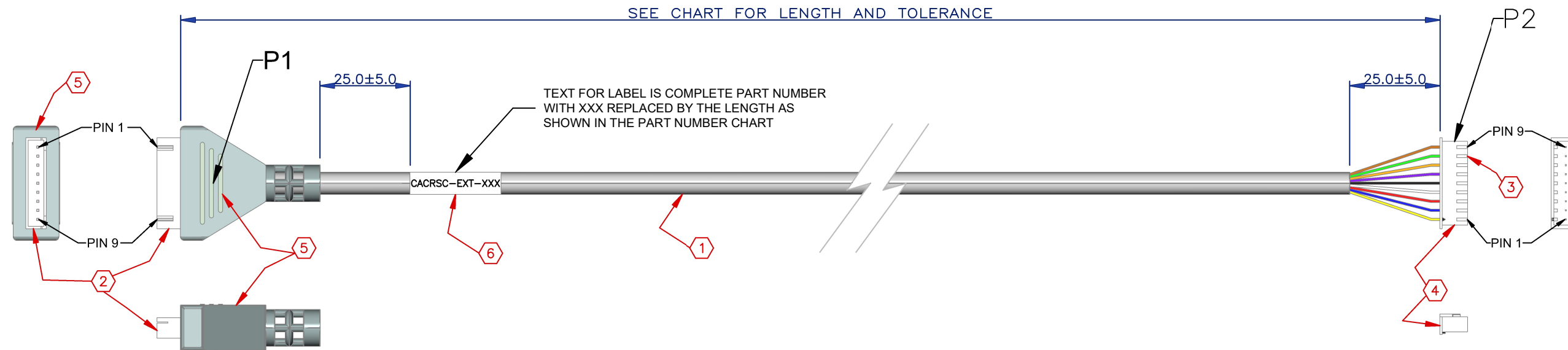
5. PREPARATION FOR DELIVERY:

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	19-APR-2020	UPDATED TITLE BLOCK			DATE: 31-MAR-2009	TITLE: JST MOTOR EXTENSION CABLE PART NUMBER CACRSC-EXT-XXX
					DESIGNED BY: JPK	FOR: CONVEYLINX ACCESSORIES PULSEROLLER STANDARDS
					CHECKED BY:	
					SCALE: NONE	
REV.	DATE	DESCRIPTION	✓		SHEET: 1 OF 1	DWG. NO: CACRSC-EXT-XXX



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