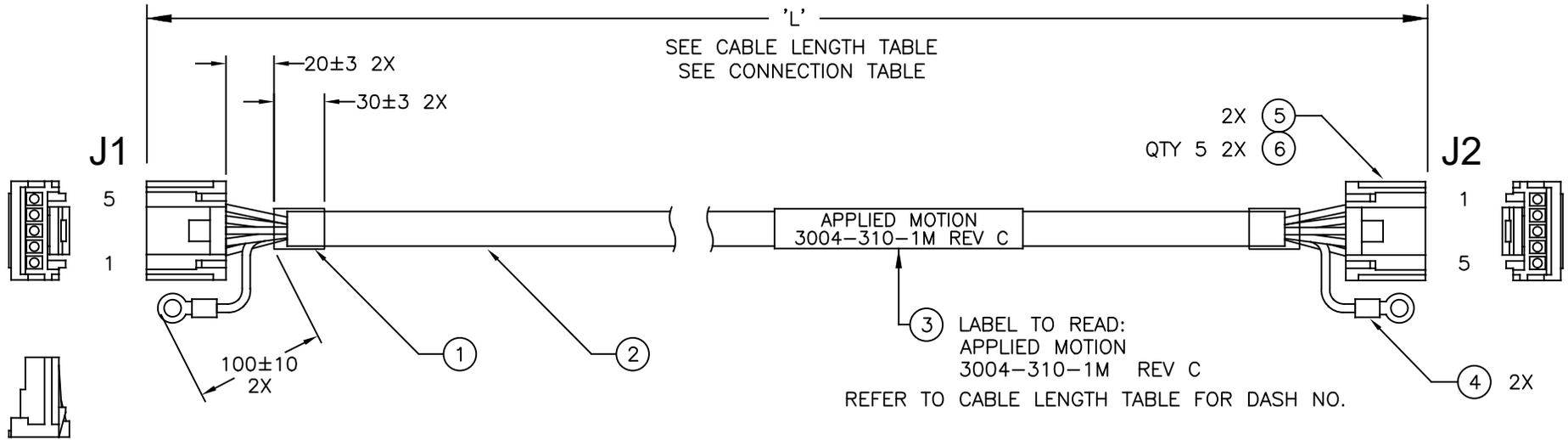


CONNECTOR CONNECTION CHART		
J1 AND J2	SIGNAL	WIRE COLOR
1	RX+	BLACK
2	RX-	BROWN
3	TX+	RED
4	TX-	ORANGE
5	GND	YELLOW
GND LUGS	SHIELD	SHIELD

CABLE LENGTH TABLE FINISHED LENGTH ± 2% TOTAL	
MARK PART NO	'L'
3004-310-1M	39.4 INCHES (1M)
3004-310-5M	197 INCHES (5M)
3004-310-20	20 INCHES

REVISIONS					
ECO	REV	DESCRIPTION	DATE	APPROVED	
	7155	A	INITIAL RELEASE	3/5/15	J KORDIK
	7451	B	REVISE RoHS NOTE	6/13/16	J KORDIK
	7937	C	TABULATE FOR ADDED LENGTHS	4/27/18	J Georgiana



BILL OF MATERIALS					
ITEM	PART NUMBER	DESCRIPTION	QTY	UOM	MFR
1	FIT-221-1/4-BLK	SHRINK TUBE	AR	EA	ALPHA OR EQUIV.
2	-	CABLE, 5 CONDUCTOR, SHIELDED, 24 AWG	AR	M	UL 20276 OR EQUIV.
3	LAT-27-361	LABEL, 1.875" X 3.167"	1	EA	BRADY OR EQUIV.
4	34105	RING TERMINAL, 22-16AWG, #6 STUD, UNINSULATED	2	EA	AMP OR EQUIV.
5	ZER-05V-S	HOUSING, CONNECTOR, 1.5MM PITCH	2	EA	JST OR EQUIV.
6	SZE-002T-P0.3	TERMINALS, CRIMP	10	EA	JST OR EQUIV.

NOTES: UNLESS OTHERWISE SPECIFIED

- THIS CABLE IS MANUFACTURED IN COMPLIANCE WITH THE CURRENT EC RoHS DIRECTIVE.
- TEST 100% FOR OPENS (>1 OHMS MAX) AND SHORTS (5 MEGOHMS MIN)
- MAXIMUM LENGTH FOR CABLE IS 15M.

TOLERANCES		THIRD ANGLE PROJECTION		APPLIED MOTION PRODUCTS, INC.	
DECIMALS: MM (INCH)				<b>CABLE, TSM23 RS485</b>	
X.XXX = ±0.013 (.005)					
X.XX = ±0.25 (.01)		APPROVALS	DATE	<b>B</b> DWG NO. <b>3004-310-XXX</b> REV <b>C</b>	SCALE: NTS SHEET 1 OF 1
X.X = ±2.5 (0.1)		DRAWN <b>R.JONEZ</b>	2/25/15		
ANGLES:		CHECKED			
MACH. = ±.5°		APPROVED			
CHAM. = ±5°		COMPUTER DATA BASE DRAWING			