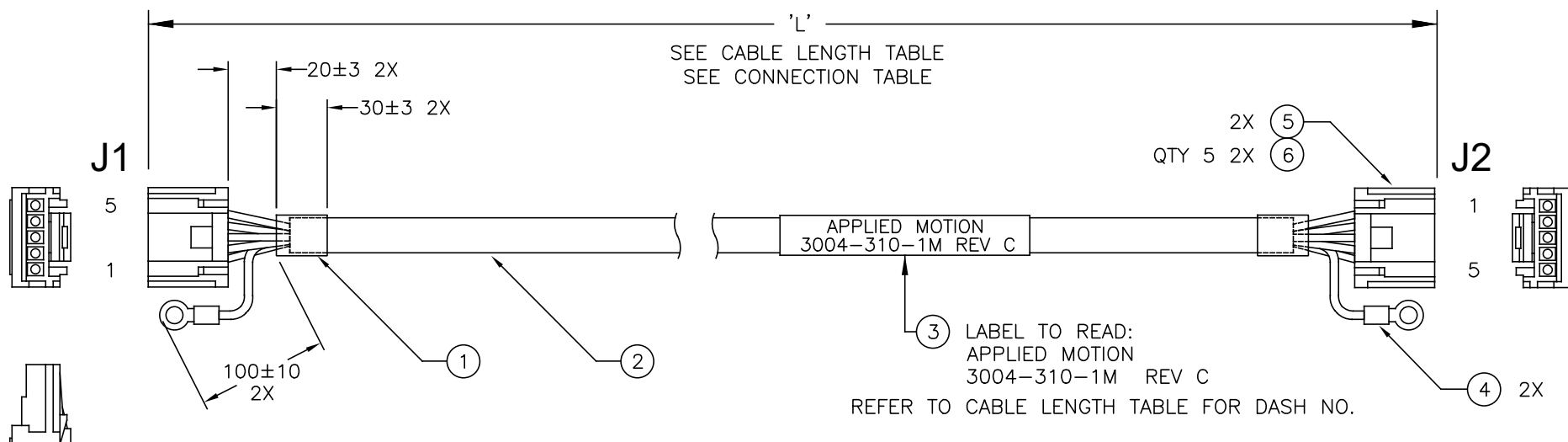


CONNECTOR CONNECTION CHART		
J1 AND J2	SIGNAL	WIRE COLOR
1	RX+	BLACK
2	RX-	BROWN
3	TX+	RED
4	TX-	ORANGE
5	GND	YELLOW
GND LUGS	SHIELD	SHIELD

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

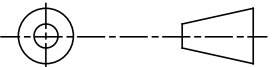
REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
7155	A	INITIAL RELEASE	3/5/15	J KORDIK
7451	B	REVISE RoHS NOTE	6/13/16	J KORDIK
7937	C	TABULATE FOR ADDED LENGTHS	4/27/18	J Georgiand



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) X.XXX= ±0.013 (.005) X.XX = ±0.25 (.01) X.X = ±2.5 (0.1) ANGLES: MACH. = ±5° CHAM. = ±5°					
		APPROVALS	DATE	CABLE, TSM23 RS485	
		DRAWN R.JONEZ	2/25/15	B	DWG NO. 3004-310-XXX REV C
		CHECKED			
COMPUTER DATA BASE DRAWING		APPROVED		SCALE: NTS	SHEET 1 OF 1