

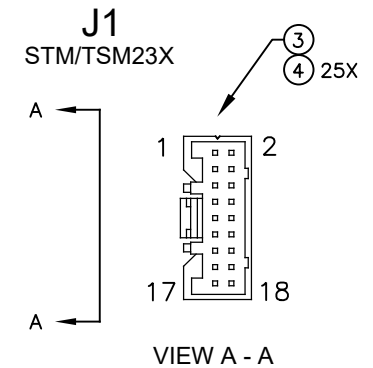
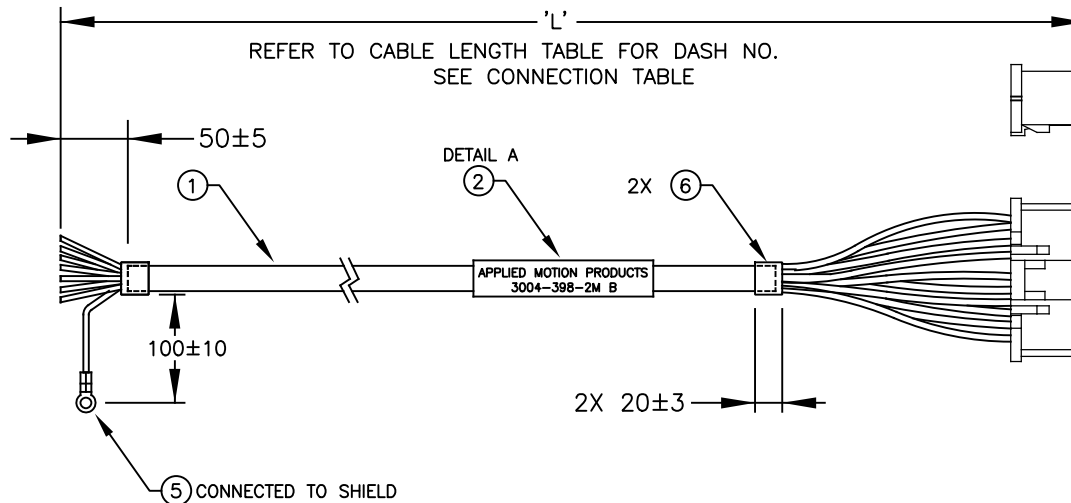
NOTES: UNLESS OTHERWISE SPECIFIED

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE ECO 8129	1/9/19	J KORDIK
B	ADD COLORS PER ECO 8287	7/15/19	L. LIU
C	PIN 6&7 SWAPPED SIGNAL, ECO 8484	5/27/20 A.N.	L. LIU
D	PIN 16&17 REVERSE SIGNAL, ECO 9015	11/10/2023	K.KESLER

CABLE LENGTH TABLE FINISHED LENGTH $\pm$ 2% TOTAL		
MARK PART NO	'L'	
3004-398-2M	6.56 FEET (2M)	
3004-398-3M	9.84 FEET (3M)	
3004-398-5M	16.4 FEET (5M)	
3004-398-10M	32.8 FEET (10M)	
3004-398-15M	49.2 FEET (15M)	
3004-398-20M	65.6 FEET (20M)	
3004-398-25M	82.0 FEET (25M)	

J1 CONNECTIONS		
PIN NO:	SIGNAL	WIRE COLOR
1	IN1/STEP+	BLUE
2	IN1/STEP-	PURPLE
3	IN2/DIR+	GRAY
4	IN2/DIR-	WHITE
5	IN3	LT BLUE
6	IN4	LT GREEN
7	IN34COM	ORANGE
8	+5V	RED
9	AIN	BROWN
10	GND	BLACK
11	IN7/CWLIM+	YELLOW
12	IN7/CWLIM-	GREEN
13	IN8/CCWLIM+	BLACK/WHITE
14	IN8/CCWLIM-	BROWN/WHITE
15	OUT1/FAULT	RED/WHITE
16	OUT3/BRAKE	YELLOW/WHITE
17	OUT2/MOTION	GREEN/WHITE
18	OUTCOM	BLUE/WHITE



APPLIED MOTION PRODUCTS
3004-398-2M B

LABEL DETAIL A

BILL OF MATERIALS					
ITEM	PART NUMBER	DESCRIPTION	QTY	UOM	MFR
1	T.B.D.	CABLE, 18 CONDUCTOR, 26AWG	A/R	EA	UL 20276 OR EQUIV.
2	LAT-27-361	LABEL, 1.875" X 3.167"	1	EA	BRADY OR EQUIV.
3	PUDP-18V-S	HOUSING, CONNECTOR, 2MM PITCH	1	EA	JST OR EQUIV.
4	SPUD-001T-P0.5	TERMINALS, CRIMP	18	EA	JST OR EQUIV.
5	8-34105-1	RING TERM, 22-16 AWG, #6 STUD, UNINSULATED	1	EA	AMP OR EQUIV
6	FIT-221-1/4-BLK	SHRINK TUBE	A/R	EA	ALPHA OR EQUIV.

TOLERANCES		THIRD ANGLE PROJECTION		 APPLIED MOTION PRODUCTS, INC.	
DECIMALS: MM X.XXX= ±0.013 X.XX = ±0.25 X.X = ±2.5 ANGLES: MACH. = ±.5° CHAM. = ±5°				CABLE, STM/TSM23X, I/O FLYING LEADS	
		APPROVALS	DATE		
		DRAWN <i>R.JONEZ</i>	<i>1/10/19</i>		
		CHECKED <i>J.KORDIK</i>	<i>1/10/19</i>		
COMPUTER DATA BASE DRAWING		APPROVED		B DWG NO. 3004-398-XXX	REV D
				SCALE: NONE	SHEET 1 OF 1