

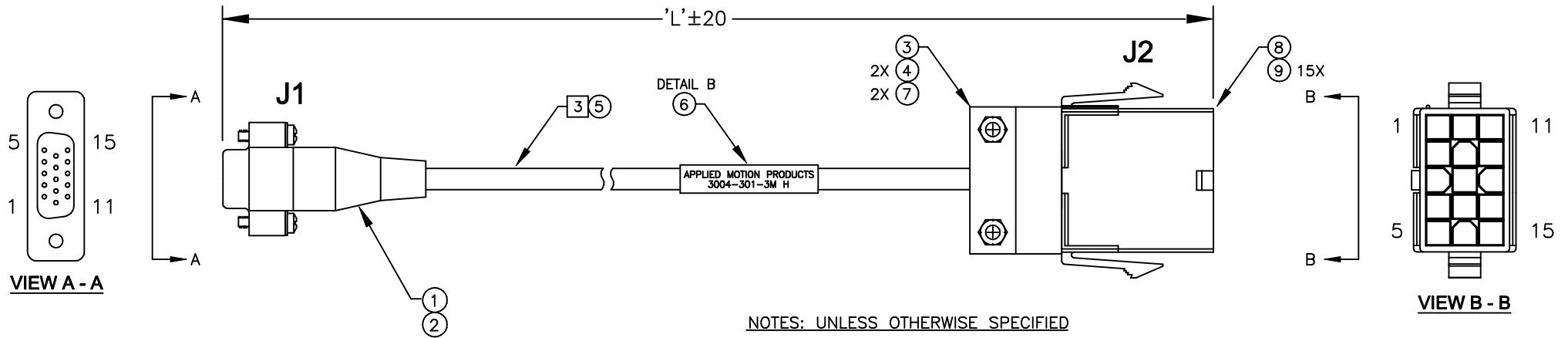
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TABULATION CHART			
XX	LENGTH='L'	PART NUMBER/REV	
3M	118.0" +/- 3.0"	3004-301-3M	H
20'	240.0" +/- 4.0"	3004-301-20	H
10M	393.7" +/- 4.0"	3004-301-10M	H

APPLIED MOTION PRODUCTS
3004-301-3M H

LABEL DETAIL B

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE ECO 6955	4/25/14	J Kordik
B	CHANGE DWG NAME ECO 7019	6/19/14	J Kordik
C	CONNECTION CHANGES ECO 7041	7/21/14	J Kordik
D	ADD NOTE 3/TAB PER ECO 7215	5/18/15	J Kordik
E	REVISED PER ECO 7221	6/1/15	J Kordik
F	ADD 10M PER ECO 7265	7/27/15	J Kordik
G	ADD STRAIN RELIEF - ECO 7399	3/22/16	J Kordik
H	REVISE RoHS NOTE - ECO 7451	6/13/16	J Kordik


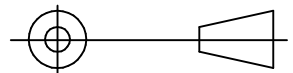


NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS CABLE IS MANUFACTURED IN COMPLIANCE WITH THE CURRENT EC RoHS DIRECTIVE.
2. THIS CABLE INTENDED FOR USE WITH J-SERIES SERVO MOTORS AND SV7, SVAC3 AND BLU SERVO DRIVES.
3. FOR CABLES LONGER THAN THE STANDARD 3-METER, USE RAW CABLE 666-2121.

CABLE CONNECTIONS			
J1	J2	SIGNAL	WIRE COLOR
7	1	+5V	RED
8	2	GND	BLK
10	3	U+	BRN
9	4	U-	BRN/BLK
12	5	V+	GRY
11	6	V-	GRY/BLK
14	7	W+	WHT
13	8	W-	WHT/BLK
2	9	A+	BLU/BLK
1	10	A-	BLU
3	11	B+	GRN
4	12	B-	GRN/BLK
5	13	Z+	YEL
6	14	Z-	YEL/BLK
-	15	DRAIN	SHIELD

BILL OF MATERIALS					
ITEM	PART NUMBER	DESCRIPTION	QTY	UOM	MFR
1	DP-7917-15MTBC00A	CONNECTOR, HD D-SUB 15 POSITION	1	EA	OUPIN OR EQUIV.
2	DP-09CP	CONNECTOR COVER	1	EA	OUPIN OR EQUIV.
3	3698201101224	CONNECTOR STRAIN RELIEF (2 PIECES)	1	EA	OUPIN OR EQUIV.
4	4294404000119	CONNECTOR SCREWS, STRAIN RELIEF	2	EA	OUPIN OR EQUIV.
3	5	666-2121 OR EQUIV.		A/R	UL 2574 OR EQUIV.
6	DAT-35-292-1	LABEL, 1.875" X 3.167"	1	EA	BRADY OR EQUIV.
7	4294428000202	CONNECTOR NUTS, STRAIN RELIEF	2	MM	OUPIN OR EQUIV.
8	172163-1	HOUSING, CONNECTOR	1	EA	TE
9	794058-1	TERMINALS, CRIMP	15	EA	TE

TOLERANCES		THIRD ANGLE PROJECTION		 ENCODER CABLE J-SERIES SERVO MOTORS	
DECIMALS: MM (INCH) X.XXX = ±0.013 (.005) X.XX = ±0.25 (.01) X.X = ±2.5 (0.1)					
ANGLES: MACH. = ±5° CHAM. = ±5°		APPROVED			
COMPUTER DATA BASE DRAWING		SCALE: NONE		SHEET 1 OF 1	

DWG NO. **3004-301-XXX** REV **H**
 B