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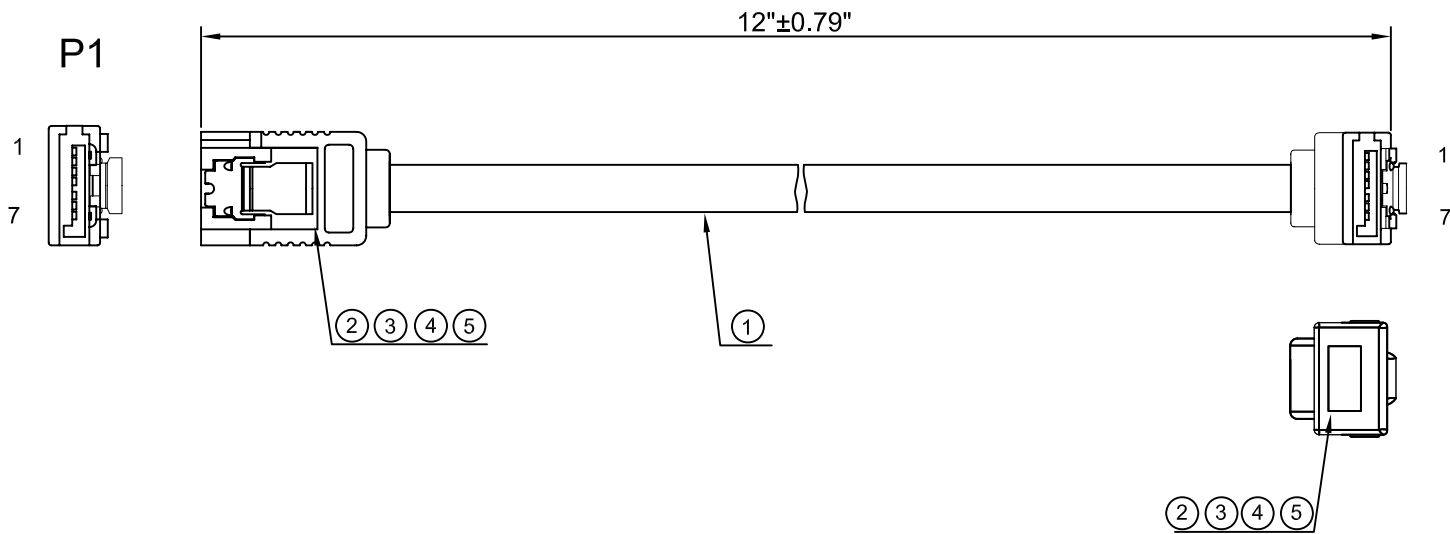
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1

PART NO. SATA-12IN-LSZH

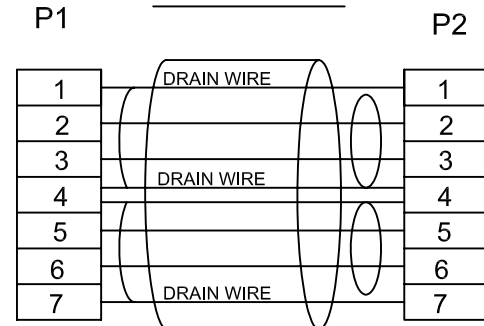
REVISIONS				
LTR	ECR NO.	DESCRIPTION	DATE	APPROVED
A		Initial Release for Manufacture	Jul.16.10	Jemy
B	10186	Change cable	Aug.04.10	Jemy
C	10205	Change packing	Aug.27.10	Jemy
D	10228	Change cable	Oct.11.10	Jemy



**ELECTRICAL TEST :**

- 1. OPEN/SHORT:100%.
- 2. INSULATION RESISTANCE: 20 Mohm(MIN).
- 3. CONTACT RESISTANCE: 1 ohm (MAX).
- 4. HI-POT:DC 300V/10ms .

**PIN ASSIGNMENT**



*		CARTON 46*30*20cm	1/500	PCS
*		ANGLE CHIPBOARD:190*47 mm	4/500	PCS
*		PE BAG 34**28**0.08mm	1/500	PCS
*		PE BAG 8**12**0.06mm	1/50	PCS
*		PE BAG 3**8**0.06mm	1	PCS
5		PE	4	G
4		PP BLACK	5	G
3		LATCH	2	PCS
2		SATA 7P BASE PIN:G/F PBT BK	2	PCS
1		(30#2F+AL+2D)*2C 1.85*5.8 UL20554 BLACK halogen free VW-1	297	mm
NO.	PART NO.	DESCRIPTION	Q'TY	UNIT

TMC	APPROVALS	DATE
	DRAWN	
	CHECKED	
	CHECKED	
TOLERANCES ARE :		
DECIMALS .XX ±	ANGLES ±	
DO NOT SCALE DRAWING		

**TMC** The Mate Company

**SATA 7P 180° TO SATA 7P 90° CABLE ASS'Y 305mm**

SIZE C	SCALE : XX : XX	PART NO. SATA-12IN-LSZH	REV. D
ID NO.	SHEET 1 OF 1		

D

C

B

A

D

C

B

A

SPECIFICATION:		(2C*30AWG +AL +2D)*2C		CONSTRUCTION D.W.G																	
ITEM		SPECIFICATION																			
CONDUCTOR	AWG	30AWG																			
	MATERIAL	TINNED COPPER																			
	COND.SIZE	1/0.254±0.01 mm																			
INSULATOIN	MIN.AVG.THICK	0.25 mm																			
	MATERIAL	HD-PE																			
	O . D	0.82±0.05mm																			
DRAIN	AWG	30AWG																			
	MATERIAL	TINNED COPPER																			
	SIZE	1/0.254 ± 0.01 mm×2PCS																			
Face Outside AL.MYLAR	COVERAGE	100%																			
	OVERLAP	25% MIN																			
	N O.	(2C*30AWG +AL +2D)*2																			
JACKET	MIN.AVG.THICK	0.38 mm																			
	MATERIAL	PU																			
	COLOUR	BLACK																			
	OD	1.85 *5.80 ± 0.20 mm																			
				<b>COLOUR CODE:</b>																	
				NATURAL																	
				<b>MARKING</b>																	
				AWM 20554 80°C 30V VW-1																	
				<b>REMARK</b>																	
<b>ELECTRICAL CHARACTERISTICS</b>		<b>PHYSICAL PROPERTIES OF JACKET</b>		<table border="1"> <tr> <td></td> <td><b>PART NO.</b></td> <td colspan="2">SATA-12IN-LSZH</td> </tr> <tr> <td><b>APPROVED</b></td> <td></td> <td><b>CUSTOMER</b></td> <td></td> </tr> <tr> <td><b>CHECKED</b></td> <td></td> <td><b>REV</b></td> <td>A</td> </tr> <tr> <td><b>DRAWING</b></td> <td>maoyong</td> <td><b>DATE</b></td> <td>2010/07/05</td> </tr> </table>			<b>PART NO.</b>	SATA-12IN-LSZH		<b>APPROVED</b>		<b>CUSTOMER</b>		<b>CHECKED</b>		<b>REV</b>	A	<b>DRAWING</b>	maoyong	<b>DATE</b>	2010/07/05
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1. Rating : TEMP 80 °C ; VOLTAGE 30V		1.Tensile Strength: Unaged: 1500PSI min Aged: 65% min																			
2. Conductor Resistance: AT 20°C MAX 30AWG: 376.96Ω/km		2. Elongation: Unaged: 100% min Aged: 70%																			
3. Impedance: Differential 100 ± 10Ω Common mode 25~40 Ω		3. Heat shock test: NO CRACKING																			
4. Cable pair Match Impedance: < 5 Ω		4. Cold bend test: NO CRACKING																			
5. Intra pair Skew : <10ps/M		5. Deformation test: MAX 50%																			
6. Risetime: < 85ps		6. Flame test: PASS VW-1																			
7. Attenuation : < 6dB/M @10~4500MHz																					
8.Delay : < 5.05ns/M																					