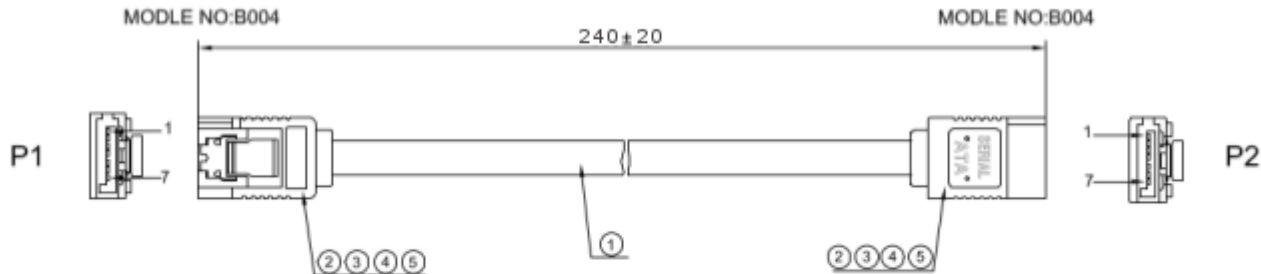


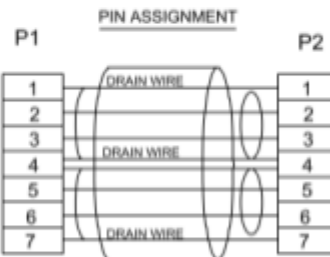
PART NO. MD-610409

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A0	Initial Release for Manufacture	Jul 16 15	Lex
A1	Color change of contact	Jul 25 15	Lex



**ELECTRICAL TEST :**

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



5	3-02-0001-532151	PE	4	G
4	3-03-0002-005001	PP BLACK	5	G
3	2-61-A042-011501	LATCH: SATA 7P	2	PCS
2	2-61-A055-010101	SATA 7P BASE PIN:G/F PBT BK	2	PCS
1	1-61-0045-200201	(30W2F+AL+2D)*2C 1.85*5.8 UL20554 BLACK halogen VW-1	297	mm
NO.	PART NO.	DESCRIPTION	Q'TY	UNIT

APPROVALS		DATE	TMC The Mate Company	
DESIGNED BY	Lieng Zhupuan	Jun 25 15	SIZE	C
CHECKED BY	Zeng wei	Jul 25 15	SCALE	XX : XX
DRAWN BY	Zeng wei	Jul 25 15	DRAWING NO.	SATA-240M-LSZH1
DO NOT SCALE DRAWING			REV.	A1
			ID NO.	SHEET 1 OF 1



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>	
				E119932 ㄩ AWM 20554 80°C 30V VW-1 COPARTNER	
				<b>REMARK</b>	
<b>ELECTRICAL CHARACTERISTICS</b>		<b>PHYSICAL PROPERTIES OF JACKET</b>			
1. Rating : TEMP HIGH: 80°C ; TEMP LOW -20°C ; VOLTAGE 30V 2. Conductor Resistance: AT 20°C MAX 30AWG: 376.96Ω/km 3. Impedance: Differential 100 ± 10Ω Common mode 25~40 Ω 4. Cable pair Match Impedance: < 5 Ω 5. Intra pair Skew : <10ps/M 6. Risetime: < 85ps 7. Attenuation : < 6dB/M @10~4500MHz 8.Delay : < 5.05ns/M		1.Tensile Strength: Unaged: 1500PSI min Aged: 65% min 2. Elongation: Unaged: 100% min Aged: 70% 3. Heat shock test: NO CRACKING 4. Cold bend test: NO CRACKING 5. Deformation test: MAX 50% 6. Flame test: PASS VW-1			
<b>CHECKED</b>		<b>REV</b>		<b>A</b>	
<b>DRAWING</b>	<i>maoyong</i>	<b>DATE</b>		2010/07/05	