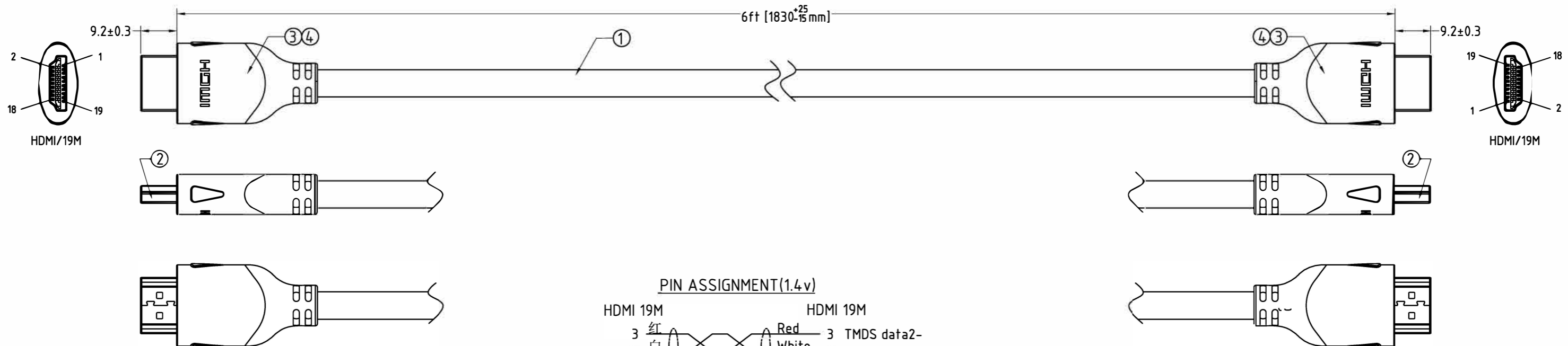


NOTE:ALL MATERIAL COMPLIANT ROHS STANDARD

REVISION INFORMATION

Rev.	Rev. Date	Modified By	Brief Description
0.0	2019/06/04	Panther	Release to product
1.0	2020/10/23	Darrick	Change model



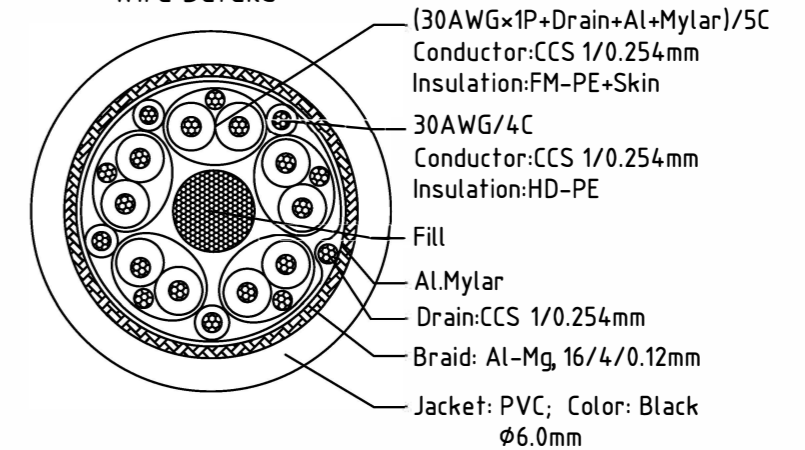
Electrical character:

- 1)100% Open/short/Intermittent testing
- 2)Withstanding voltage:DC 300V AT 10ms.
- 3)Insulation resistance:10M Ohm(min)
- 4)Residual operating current:
 - a.<1M=0.5mA; b.1.0~2.0M=1.0mA;
 - c.2.0~3.0M=2.0mA; d.3.0~5.0M=3.0mA;
 - e.5.0~10M=5.0mA; f.10~15M=7.0mA;
- 5)Conductive resistance:3 Ohm(Max)
- 6) 100% 3D、4K@60Hz testing

PIN ASSIGNMENT(1.4v)

HDMI 19M		HDMI 19M	
3 红	Red	3	TMDS data2-
1 白	White	1	TMDS data2+
2 地	Drain	2	TMDS data2 Shield
6 绿	Green	6	TMDS data1-
4 白	White	4	TMDS data1+
5 地	Drain	5	TMDS data1 Shield
9 蓝	Blue	9	TMDS data0-
7 白	White	7	TMDS data0+
8 地	Drain	8	TMDS data0 Shield
12 棕	Brown	12	TMDS Clock-
10 白	White	10	TMDS Clock+
11 地	Drain	11	TMDS Clock Shield
19 黑	Black	19	HPD/ HEAC-
14 白	White	14	Utility/ HEAC+
17 地	Drain	17	DDC/CEC/HEAC GND
13 白	White	13	CEC
15 黄	Yellow	15	SCL
16 橙	Orange	16	SDA
18 红	Red	18	+5V Power
SHELL 编织+地线	Braid+Drain	SHELL	

Wire Details



NO.	PART NAME	SPECIFICATION DESCRIPTION	QTY	UNIT
①	Cable	(30#CCS/1P+ADM)/5C+30#CCS/4C+F+A+D+B(16/4/0.12,Al-Mg)+PVC,Black,OD6.0mm		
②	HDMI_Conn	HDMI A/M,PIN G/F,Black Insulation,Steel-Shell(G/F Plated),Solder type		
③	Innermold	PE,Low density		
④	Overmold	PVC,45Pa,Black		

Unless specified on the drawing, tolerances are per the follows:

.	+1
.x	+0.2
.xx	+0.05

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DRAWN BY	DATE: 2020/10/23	DESCRIPTION: HDMI A/M TO HDMI A/M Cable
CHECKED BY	SHEET 1of2	ITEM NO. LSHDMM-X
APPROVED BY	SCALE None	REV. 1.0 UNIT:mm