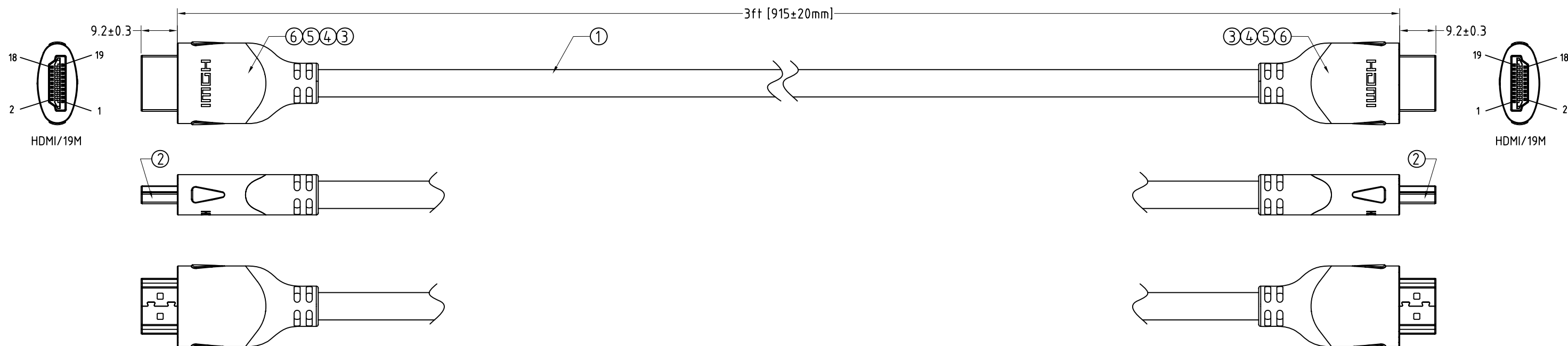


NOTE:ALL MATERIAL COMPLIANT ROHS STANDARD

REVISION INFORMATION

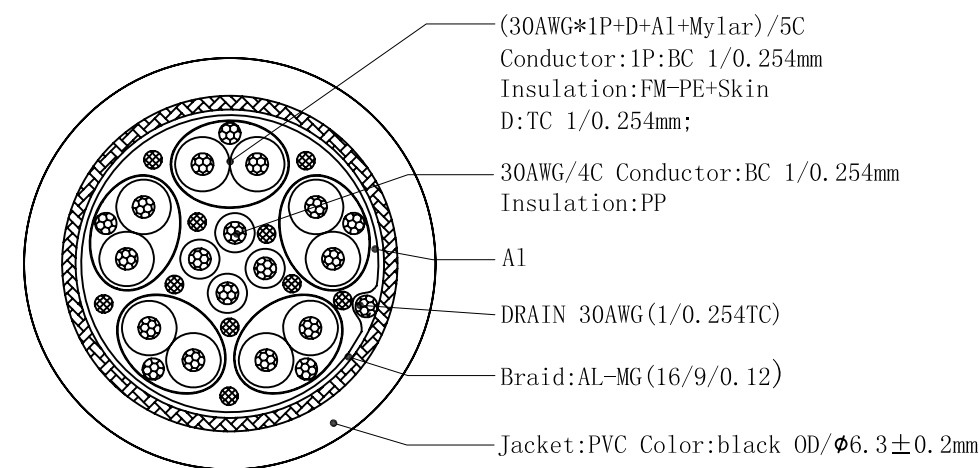
Rev.	Rev. Date	Modified By	Brief Description
1.0	2020/10/05	Darrick	Release to product



PIN ASSIGNMENT

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

Wire Details



Electrical character:

- 100% Open/short/Intermittent testing
- Withstanding voltage: DC 300V AT 10ms.
- Insulation resistance: 5M Ohm(min)
- Residual operating current:
 - a. $1.0M=0.5mA$; b. $1.0\sim 2.0M=1.0mA$;
 - c. $2.0\sim 3.0M=2.0mA$; d. $3.0\sim 5.0M=3.0mA$;
 - e. $5.0\sim 10M=5.0mA$; f. $10\sim 15M=7.0mA$;
- Conductive resistance: 5 Ohm(Max)

NO.	PART NAME	SPECIFICATION DESCRIPTION	QTY	UNIT
①	Cable	UL20276 {30AWG(1/0.254BC)*1P+D(1/0.254TC)+AL/ML}*5P+30AWG(1*0.254BC)*4C+AL+30AWG(1*0.254TC)+B(16/9/0.12 AL-MG)+PVC JACKET OD6.3±0.20mm		
②	HDMI_Conn	HDMI 2.1 A/M,PIN G/F,Black Insulation,Shell-Steel(G/F Plated),Solder type		
③	Copper foil	Double-sided conductive copper foil, L30*W5mm,strong adhesive type		
④	Tinplate	HDMI 2.1 Tinplate,Nickel plated		
⑤	Innermold	PE,Low density		
⑥	Overmold	PVC,45Pa,Black		

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

.	+1
.x	+0.2
.xx	+0.05

DRAWN BY	DATE: 2020/10/05	DESCRIPTION: 8K HDMI A/M TO HDMI A/M Cable
CHECKED BY	SHEET 1 of 2	ITEM NO. 181451
APPROVED BY	SCALE None	REV. 1.0 UNIT:mm