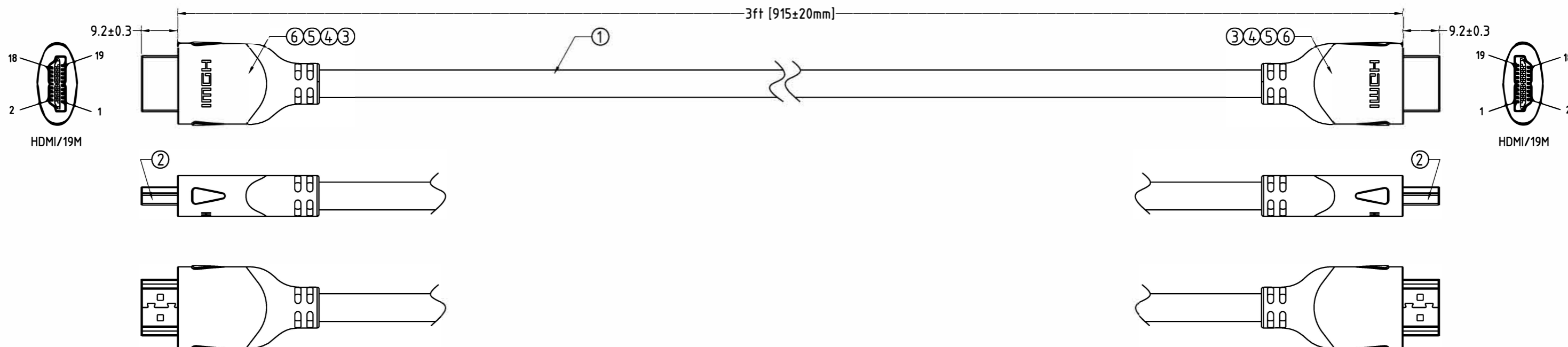


NOTE:ALL MATERIAL COMPLIANT ROHS STANDARD

REVISION INFORMATION

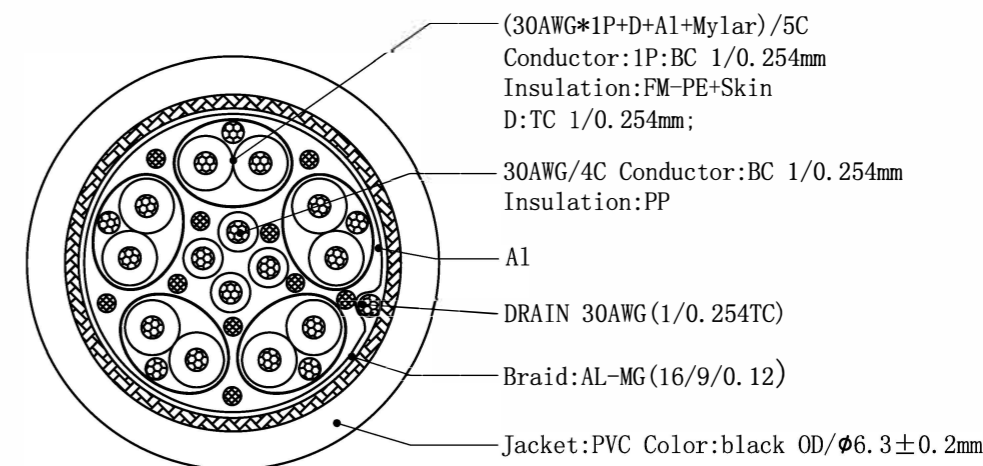
Rev.	Rev. Date	Modified By	Brief Description
1.0	2020/10/05	Darrick	Release to product



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:

- 1)100% Open/short/Intermittent testing
- 2)Withstanding voltage:DC 300V AT 10ms.
- 3)Insulation resistance:5M Ohm(min)
- 4)Residual operating current:
  - a.<1.M=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: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 V2.1 HDMI A/M TO HDMI A/M

CHECKED BY

SHEET 1 of 2

HDMI-MM-XXF-V2.1

APPROVED BY

SCALE None

REV. 1.0

UNIT:mm

