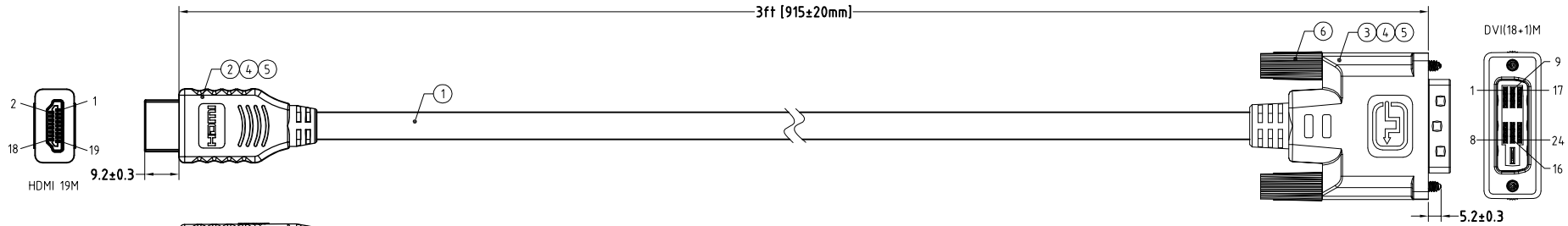


NOTE:ALL MATERIAL COMPLIANT ROHS STANDARD

REVISION INFORMATION			
Rev.	Rev. Date	Modified By	Brief Description

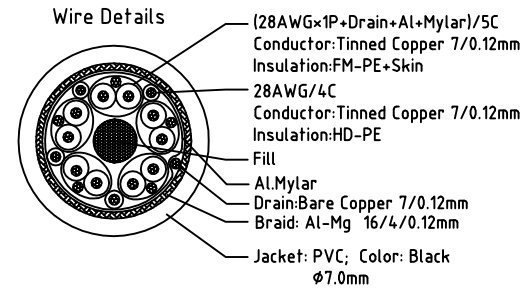


**Electrical character:**

- 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)

**PIN ASSIGNMENT:**

HDMI 19M	DVI(18+1)M
3 红	Red 1 TMDS data2-
1 白	White 2 TMDS data2+
2 地	Drain 3 TMDS data2 Shield
6 绿	Green 9 TMDS data1-
4 白	White 10 TMDS data1+
5 地	Drain 11 TMDS data1 Shield
9 蓝	Blue 17 TMDS data0-
7 白	White 18 TMDS data0+
8 地	Drain 19 TMDS data0 Shield
12 棕	Brown 24 TMDS Clock-
10 白	White 23 TMDS Clock+
11 地	Drain 22 TMDS Clock Shield
15 黑	Black 6 SCL
16 白	White 7 SDA
13 红	Red 8 CEC
17 白	White 15 DDC/CEC Ground
18 黄	Yellow 14 +5V Power
19 橙	Orange 16 Hot Plug Detect
SHELL 编织+地线	Braid+Drain SHELL



NO.	PART NAME	SPECIFICATION DESCRIPTION	QTY	UNIT
①	Cable	UL20276 (28#TC/1P+ADM)/5C+28#TC/4C+F+A+D+B(16/4/0.12,Al-Mg)+PVC,Black,OD7.0mm		
②	HDMI_Conn	HDMI A/M,PIN G/F,Black Insulation,Steel-Shell(G/F Plated),Solder type		
③	DVI_Conn	DVI(18+1)M,PIN G/F,Black Insulation,Steel-Shell(G/F Plated),Solder type		
④	Innermold	PE,Low density		
⑤	Overmold	PVC,45Pa,Black		
⑥	Thumbscrew	#4-40UNC,∅2.8*L44.5mm,Nickel Plated		

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

.	+1
.x	+0.2
.xx	+0.05



DRAWN BY	DATE: 2015/07/03	DESCRIPTION: HDMI A/M TO DVI-D(18+1) M Cable
CHECKED BY	SHEET 1of2	ITEM NO. 181224
APPROVED BY	SCALE None	REV. 00 UNIT:mm