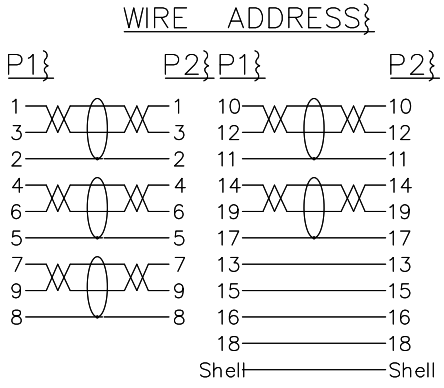





thin plate for EMI shielding

| ITEM | PART | DESCRIPTION |
|---|---|---|
| A + B | Connector type | HDMI Type A 19-pin male |
| | Contacts | Gold plated |
| | Hood | 85A LSZH Black |
| | Conductor material | Tinned Copper |
| | Shielding | Thin Plate |
| C | Cable colour | Black |
| | Outer jacket | TPE LSZH Jacket |
| | Shield type | Aluminum Mylar |
| | Wire gauge | 30 AWG |
| | Wire standard | UL20855 |
| | Outer diameter | Ø6.0 ±0.20mm |
| | Bend radius | Outer Diameter * 12 times |
| | Temperature range | -20°C to +80°C |
| | Humidity range | Under 60% |
| | Max. bandwidth | 18 Gb/s |
| | Max. resolution @ 60Hz | 3840x2160 |
| | Chroma sampling | 4:4:4 |
| | Colour bit depth | 8 bits per colour |




| Item No. | Length |
|---|---|
| AK3870 | 0.5m |
| AK3871 | 1.0m |
| AK3872 | 1.5m |
| AK3873 | 2.0m |
| AK3874 | 3.0m |

Drawn by : EP

HDMI 4K LSZH Premium High Speed cable

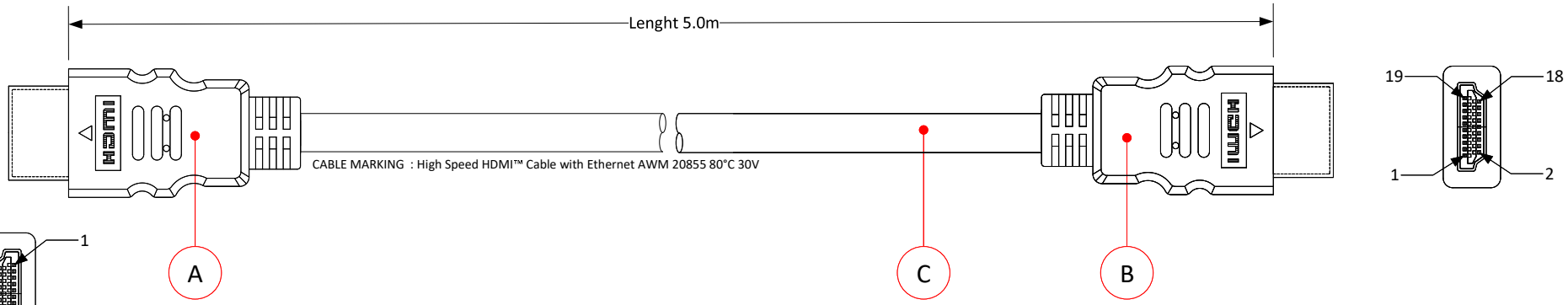
**Item : AK3870~AK3874**

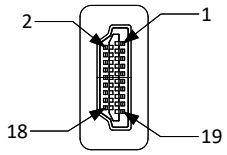
Revision : 02-AA

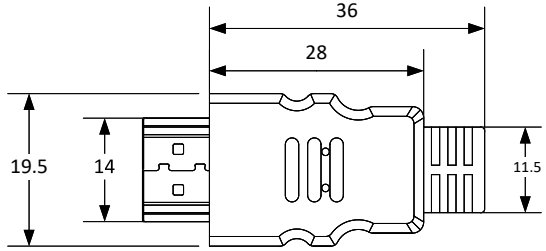
31-10-2024

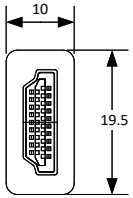
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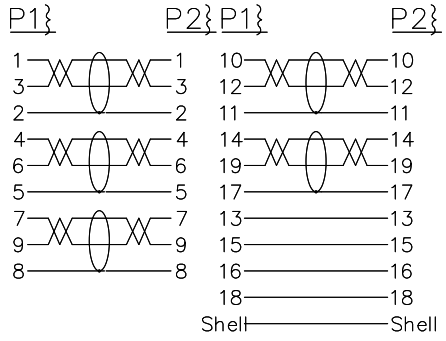






thin plate for EMI shielding

WIRE ADDRESS




| ITEM | PART | DESCRIPTION |
|---|---|---|
| A + B | Connector type | HDMI Type A 19-pin male |
| | Contacts | Gold plated |
| | Hood | 85A LSZH Black |
| | Conductor material | Full Copper |
| | Shielding | Thin Plate |
| C | Cable colour | Black |
| | Outer jacket | TPE LSZH Jacket |
| | Shield type | Aluminum Mylar |
| | Wire gauge | 28 AWG |
| | Wire standard | UL20855 |
| | Outer diameter | Ø7.3 ±0.15mm |
| | Bend radius | Outer Diameter * 12 times |
| | Temperature range | -20°C to +80°C |
| | Humidity range | Under 60% |
| | Max. bandwidth | 18 Gb/s |
| | Max. resolution @ 60Hz | 3840x2160 |
| | Chroma sampling | 4:4:4 |
| | Colour bit depth | 8 bits per colour |

| Item No. | Length |
|---|---|
| AK3875 | 5.0m |

Drawn by : EP

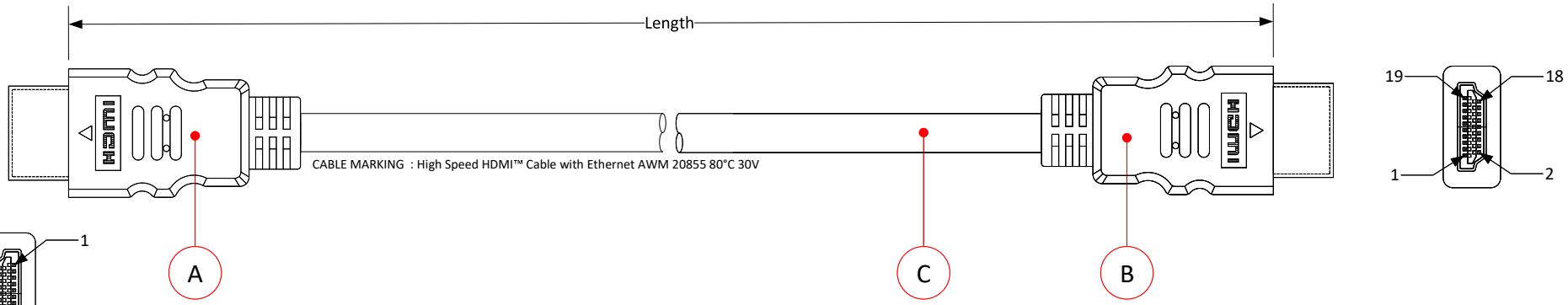
HDMI 4K LSZH Premium High Speed cable 5.0m

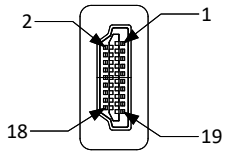
Revision : 02-AA

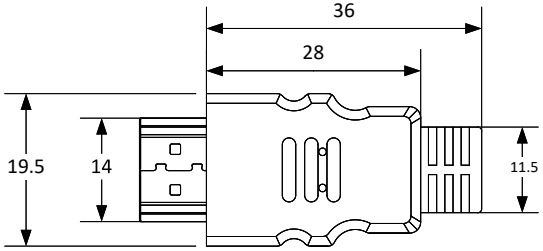
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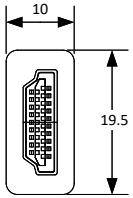
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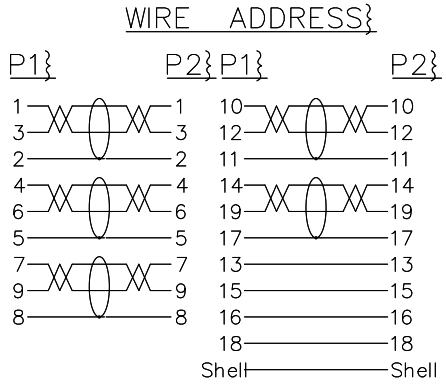






copper foil wrap for EMI shielding

| ITEM | PART | DESCRIPTION |
|---|---|---|
| A + B | Connector type | HDMI Type A 19-pin male |
| | Contacts | Gold plated |
| | Hood | 85A LSZH Black |
| | Conductor material | Full Copper |
| | Shielding | Copper Foil wrap |
| C | Cable colour | Black |
| | Outer jacket | TPE LSZH Jacket |
| | Shield type | Aluminum Mylar |
| | Wire gauge | 26 AWG |
| | Wire standard | UL20855 |
| | Outer diameter | Ø8.0 ±0.20mm |
| | Bend radius | Outer Diameter * 12 times |
| | Temperature range | -20°C to +80°C |
| | Humidity range | Under 60% |
| | Max. bandwidth | 18 Gb/s |
| | Max. resolution @ 60Hz | 3840x2160 |
| | Chroma sampling | 4:4:4 |
| | Colour bit depth | 8 bits per colour |




| Item No. | Length |
|---|---|
| AK3876 | 7.0m |
| AK3877 | 10.0m |

Drawn by : EP

HDMI 4K LSZH Premium High Speed cable

Revision : 02-AA

31-10-2024

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