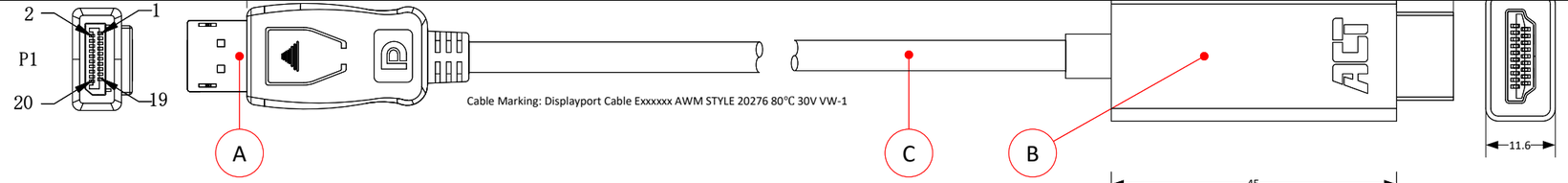
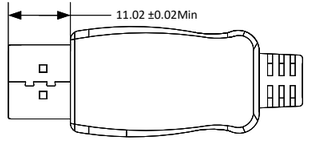
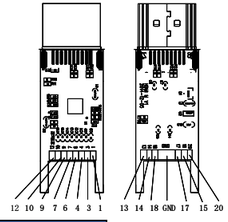
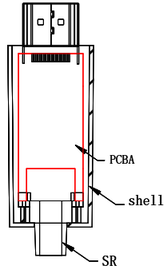
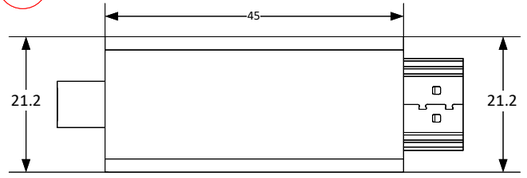
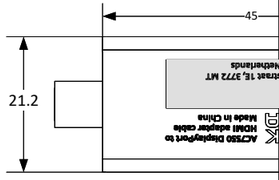










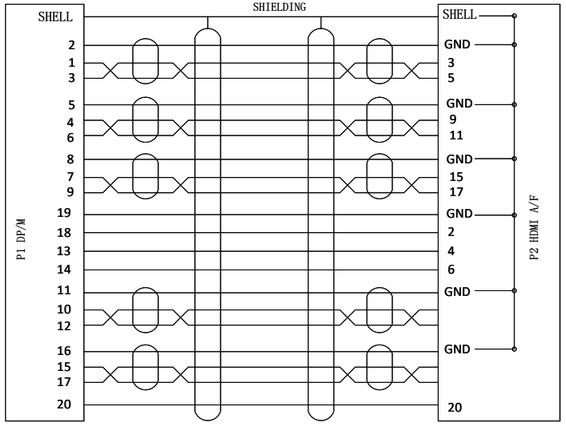


ELECTRICAL TEST:

1.100% OPEN SHORT MIS WIRE TEST
2.CONTACT RESISTANCE: 3 OHM MAX
3.INSULATION RESISTANCE: 5M OHM MIN
4.HI-POT TEST: DC 300V/10ms
5.PASS 4K TEST

ITEM	PART	DESCRIPTION
A	Connector type	DisplayPort male 20P
	Contacts	Gold plated
	Locking	Snap-in
	Shell	Black ABS
B	Connector type	HDMI A male 19P
	Contacts	Gold plated
	Shell	Black ABS
	Shield type	Aluminum Mylar
	Conductor material	Copper
	Protective cap	Yes
C	Cable colour	Black
	Outer jacket	PVC
	Wire gauge	32 AWG
	Outer diameter	Ø5.0 ±0.2mm
	Bend radius	25 mm
	Temperature rating	-20°C to +70°C (+5%)
	Video signal	DisplayPort to HDMI
	Chipset	P8402A
	Version	DisplayPort 1.2 to HDMI High Speed with Ethernet
	Max. resolution @ 30Hz	3840 x 2160
	Max. resolution @ 60Hz	1920 x 1080
	Chroma sampling	4:4:4
	Color bit depth	8 bits per colour
	Power connected	no

Item No.	Length
AK3987	0.50m
AK3988	1.00m
AK3990	1.80m



NOTE: PIN 20 is only connected to power the PCBA and is not connected to the DP connector.

Conversion cable DisplayPort male to HDMI-A male

Revision : 01-AB

Date : 24-12-2024

Drawn by : EP

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