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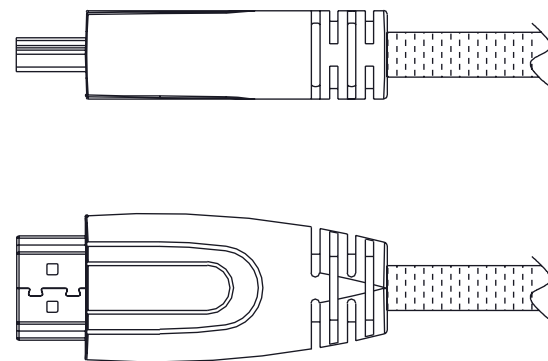
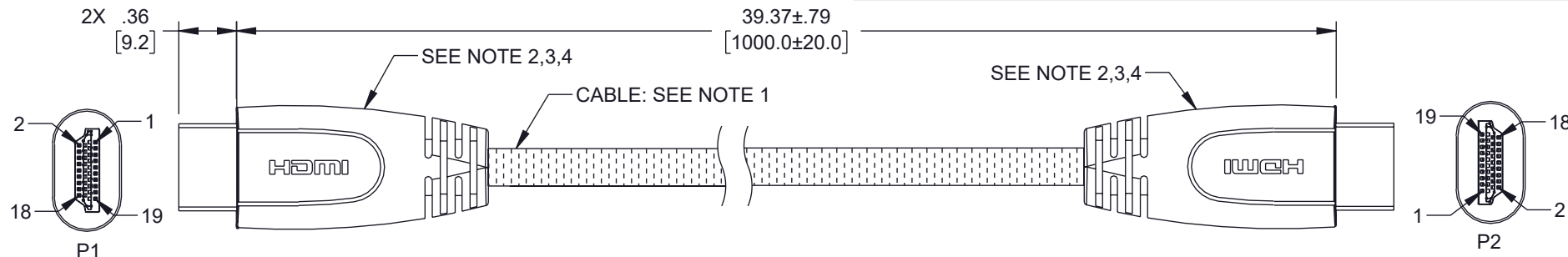
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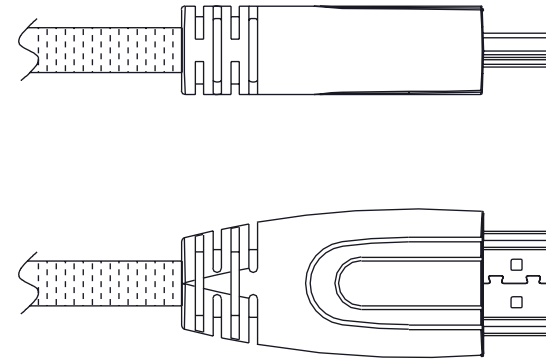
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	01/29/2025	TDOFRENE	DGUST



P1	PIN ASSIGNMENT	P2
1	WHITE	1 TMDS DATA2-
3	RED	3 TMDS DATA2+
5	DRAIN	5 TMDS DATA2 SHIELD
4	WHITE	4 TMDS DATA1-
6	GREEN	6 TMDS DATA1+
2	DRAIN	2 TMDS DATA1 SHIELD
7	WHITE	7 TMDS DATA0-
9	BLUE	9 TMDS DATA0+
11	DRAIN	11 TMDS DATA0 SHIELD
10	WHITE	10 TMDS CLOCK-
12	BRN	12 TMDS CLOCK+
8	DRAIN	8 TMDS CLOCK SHIELD
13	WHITE	13 CEC
14	WHITE	14 HPD/HEAC-
19	BLACK	19 UTILITY/HEAC+
17	DRAIN	17 DDC/CEC/HEAC GND
15	ORANGE	15 SCL
16	YELLOW	16 SDA
18	RED	18 +5V POWER
SHELL	DRAIN	SHELL



NOTES:

- CABLE:{30AWG(BC)X1P+AL}X5C+30AWG(BC)X4C+ADB Ø6.0MM PVC JACK BLACK ARMORED OD:8.0MM.
- HDMI 2.1 TYPE A/M PIN: G/F SHELL: G/F. INSULATOR: BLACK.
- PE LOW DENSITY.
- PCV 45PA BLACK UL94V-0.
- 100% OPEN, SHORT & MISWIRE TEST.
- CONDUCTIVE RESISTANCE 3Ω/MAX.
- INSULATION RESISTANCE 10MΩ/MIN AT DC300V/10MS.
- REACH TO SUPPORT 8K@60HZ.
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

X = ±.2 [5]	FRACTIONS
.XX = ±.02 [0.5]	± 1/32
.XXX = ±.005 [0.13]	ANGLES ± 1°

CABLE LENGTH TOLERANCES:

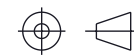
≤12 [305]	±.1 [25] / -0
>12 [305] ≤ 60 [1524]	±.2 [51] / -0
>60 [1524] ≤ 120 [3048]	±.4 [102] / -0
>120 [3048] ≤ 300 [7620]	±.6 [152] / -0
>300 [7620]	±.5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE.
UN-DIMENSIONED/NON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION

ARMORED 8K HDMI CA, 1M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	TDOFRENE	SMHD8KA-1M	A

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