

6

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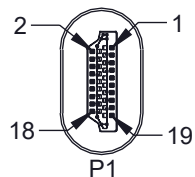
REVISION

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

2X .36
[9.2]118.11±1.57
[3000.0±40.0]

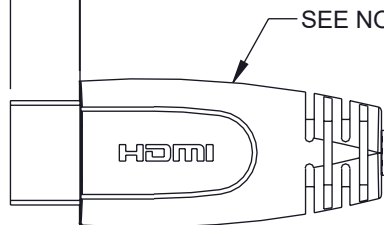
F

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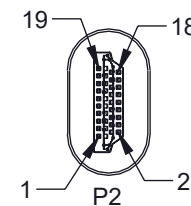
E

E



CABLE: SEE NOTE 1

SEE NOTE 2,3,4



D

D



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	SHELL



C

C

NOTES:

- CABLE: {28AWGX1P+DAM}X5+28AWGX4C+ADB Ø6.5MM PVC JACK BLACK ARMORED OD:8.5MM.
- 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.

B

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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, 3M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	TDUFRENE	HD8KA-3M	A

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