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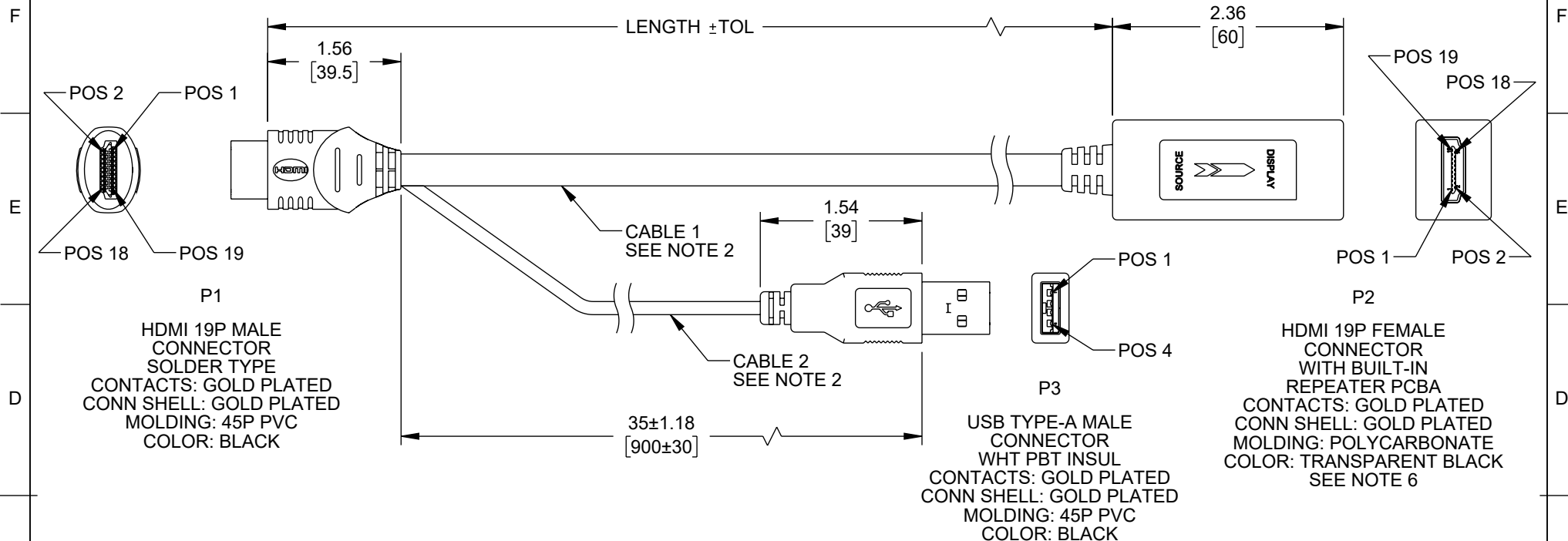
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	05/27/2025	AKRESOWSKI	DGUST



NOTES:

- SEE SHEET 2 FOR SPECIFICATIONS.
- CABLE 1:
UL20276 ULTRA HIGH SPEED A/V CABLE (26AWG * 2C + AL + D + HM) * 4P + (31AWG * 1P + D + AL + HM) * 1C + 30AWG * 4C + 26AWG * 1C + F + MY + ADB16/11/0.12AL JACKET: BLACK, OD .287 +0/-0.008 [7.3 +0/-0.2].
VOLTAGE RATING: 30V
FLAME RATING: VW-1
CABLE 2:
NON-UL 28AWG * 2C + SPIRAL-WOUND SHIELD. JACKET: BLACK, OD .118 [3].
- SUPPORT FOR 8K/60Hz.
- TEMPERATURE RATING: 0°C ~ 40°C OPERATING, -15°C ~ 50°C STORAGE.
- RELATIVE HUMIDITY: 0% -85%, NON-CONDENSING.
- PRODUCT HAS A CHIPSET IN THE PLASTIC HOUSING.
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

CABLE ASSEMBLY LENGTH		
ITEM NO.	LENGTH (FT)	TOL (IN [mm])
41-170-10	10	±1.97 [50]
41-170-15	15	+ 5.98 [152] - 2.00 [51]
41-170-20	20	+ 5.98 [152] - 2.00 [51]
41-170-25	25	+ 5.98 [152] - 2.00 [51]

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

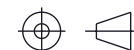
TOLERANCES:
X = ±.2 [5] FRACTIONS ± 1/32
.XX = ±.02 [0.5] ANGLES ± 1°
.XXX = ±.005 [0.13]

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 NONE SHEET 1 OF 2

DESCRIPTION
ACTIVE HDMI EXTENSION CABLE WITH BUILT-IN REPEATER,
MALE TO FEMALE, 8K/60HZ CAPABILITY

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	AKRESOWSKI	41-170	A

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A

SPECIFICATIONS:

1. 8K 60Hz HDMI REPEATER EXTENDS DISTANCE IN TOTAL WITH SOURCE (AMD RADEON RX7600) AND DISPLAY/TV (CH#65D8K).
 - a. 8K@60Hz UP TO TOTAL OF 55FT WITH 30FT HDMI 2.1 26AWG CABLE; AND UP TO TOTAL OF 40FT WITH 15FT HDMI 2.1 28AWG CABLE.
 - b. 4K@60Hz UP TO TOTAL OF 60FT WITH 35FT HDMI 2.0 26AWG CABLE; AND UP TO TOTAL OF 45FT WITH 20FT HDMI 2.0 28AWG CABLE.
 - c. 1080P@60Hz UP TO A TOTAL OF 80FT WITH 55FT 1080P HDMI 1.4 26AWG CABLE; AND UP TO TOTAL OF 75FT WITH 50FT HDMI 1.4 28AWG CABLE.
2. DATA RATE UP TO 48Gbps (FRL 12Gpps/4 LANE).
COMPLIANT WITH:
 - HDMI 2.1, 2.0b, 1.4b
 - HDCP 1.4/2.2/2.3 (PASSING THROUGH)
 - HDR
 - CECAUDIO SUPPORT DOLBY DIGITAL, DTS, AND TrueHD LATENCY-FREE FOR VARIABLE VIDEO FRAME RATE SUPPORT.
INPUT HDMI CABLE BUILT-IN 900MM USB 2.0 TYPE-A MALE PIGTAIL TO RECEIVE POWER FROM THE USB PORT (FOR POWER OPTION).
MAX RESOLUTION: 8K/60Hz 4:4:4 (DSC), 8K/60Hz 4:2:0 OR 8K/30Hz 4:4:4.
CHROMA SUB SAMPLING: 4:4:4.
MAX SUPPORTED COLOR DEPTH: 36-BIT DEEP COLOR (12 BITS PER CHANNEL).

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SCALE

NONE

SHEET

2 OF 2

DESCRIPTION

ACTIVE HDMI EXTENSION CABLE WITH BUILT-IN REPEATER,
MALE TO FEMALE, 8K/60HZ CAPABILITY

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	AKRESOWSKI	41-170	A

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