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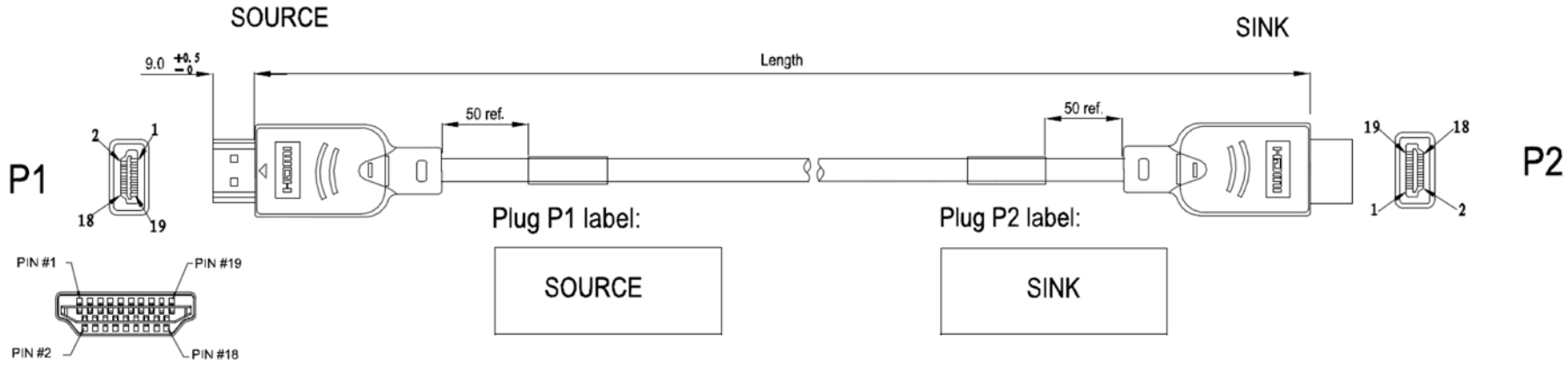
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	6/6/17	R.CLARK
B	ECN 8840: REMOVE 20.0 METER LENGTH AND ADD 18.0 METER LENGTH	7/3/17	D.FRISIELLO



Plug P1	CONNECTION			P2(PCB J1)	FUNCTION
1	A2	NATURAL	A2	7	DATA 2+
3		Green		9	DATA 2-
2		GND		8	DATA 2 SHIELD
4	A3	NATURAL	A3	11	DATA 1+
6		GREEN		13	DATA 1-
5		GND		10	DATA 1 SHIELD
7	A4	NATURAL	A4	15	DATA 0+
9		GRENN		17	DATA 0-
8		GND		14	DATA 0 SHIELD
10	A1	NATURAL	A1	3	CLOCK +
12		GRENN		5	CLOCK -
11		GND		2	CLOCK SHIELD
14	A5	NATURAL	A5	18	UTILITY/HEAC+
19		GRENN		20	HOT PLUG DETECT/HEAC-
17		GND		16	DDC/CEC GND/HEAC SHIELD
13	GREEN			6	CEC
15	BLUE			19	SCL
16	YELLOW			12	SDA
18	WHITE			4	+5V POWER
				PIN 1	
SHELL	BRAILD			SHELL	GND

CABLE LENGTHS	
MODEL NO.	LENGTH METERS [FEET]
VHA00005-5M	5.0 [16.41]
VHA00005-10M	10.0 [32.81]
VHA00005-15M	15.0 [49.22]
B VHA00005-18M	18.0 [59.06]

NOTES:

1. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
2. CONDUCTOR RESISTANCE: 3 ohms MAX
   INSULATION RESITANCE: 10 Megaohms MIN/300VDC.
   HI-POT: 2mA MAX/300VAC.
3. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:
CE 2011/65/EU(RoHS DIRECTIVE)

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES [mm]
OVERALL CABLE LENGTH TOLERANCE:
≤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 OTHER DIMENSIONAL TOLERANCES:
.X = ± .2 [5.08]
.XX = ± .02 [.51]
.XXX = ±.005 [.13]
PROJECTION

APPROVALS	DATE
DRAWN BY R.CLARK	6/6/17
CHECKED BY B.GATES	6/6/17
APPROVED BY B.GATES	6/6/17

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

L-COM Global Connectivity
50 HIGH STREET
NORTH ANDOVER, MA
01845

CATEGORY
AUDIO/VIDEO

PRODUCT DESCRIPTION
HDMI M-M EXTENDED LENGTH

SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	VHA00005	B

SCALE: NONE | CAD FILE: VHA00005.SLDDRW | SHEET 1 OF 1