DATE	REV	ECN	APP'D. BY
03-10-23	A0	12126	GL
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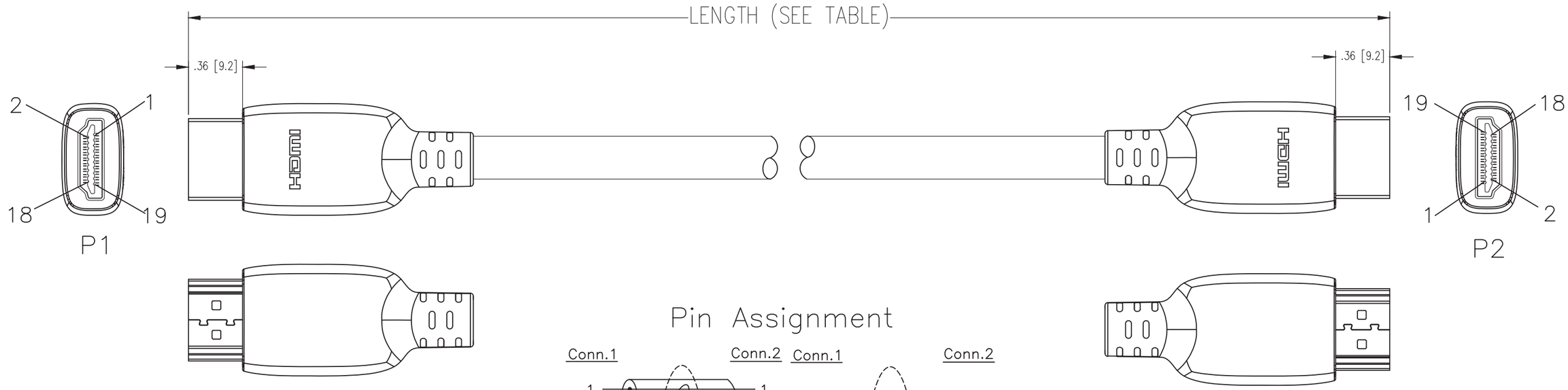
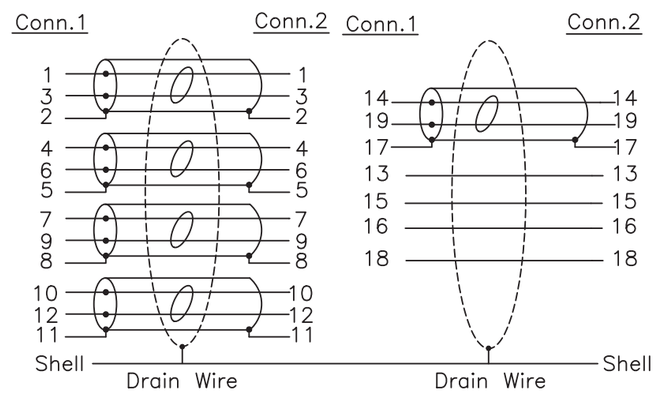


Pin Assignment



NOTES:
1.CONNECTOR COMPONENTS:
HDMI MALE CONNECTOR DUST COVER
INSIDE MOLDING: PE
OUTSIDE MOLDING: 45P PVC, BLACK
SHELL PLATING: GOLD FLASH
CONTACT: GOLD PLATING
COPPER FOIL 25μ W=5MM
HDMI® 2.1 (3' & 6' LENGTHS): UL 20276
~[30AWG(1/0.26TC)+EAM]*4P+[30AWG(1/0.26TC)+EAM]*1P+30AWG(1/0.254TC)*4C+AEB(16/8/0.12AL 85%AL)~
OD: 0.236" [6.0MM]
MARKING: ULTRA HIGH SPEED HDMI® CABLE (←25.4mm→) E515987 兄 AWM STYLE 20276 80℃ 30V VW-1 C1
HDMI® 2.1 (10' LENGTH): UL 20276
~[28AWG(1/0.35BC)+EAM]*4P+[30AWG(1/0.26TC)+EAM]*1P+30AWG(1/0.254TC)*4C+AEB(16/9/0.12AL 85%AL)~
OD: 0.264" [6.7MM]
MARKING: ULTRA HIGH SPEED HDMI® CABLE (←25.4mm→) E515987 兄 AWM STYLE 20276 80℃ 30V VW-1 C1
2.ELECTRICAL TESTING:
100% OPEN, SHORT & CONTINUITY WIRE TEST
CONTACT RESISTANCE: (30 AWG: 3 OHM MAX, 28 AWG: 5 OHM MAX)
INSULATION RESISTANCE: 10M OHM MIN.
HI-POT: 300V DC/10ms
3.PERFORMANCE:
SUPPORT BANDWIDTH UP TO 48Gbps
SUPPORT RESOLUTION UP TO: (8K @ 60Hz, 4K @ 120Hz)
ALL COMPONENTS ARE RoHS AND REACh COMPLIANT

P/N	LENGTH	WIRE GAGE
SC-2HH003F	36±0.8 [915±20]	30 AWG
SC-2HH006F	72±1.2 [1830±30]	30 AWG
SC-2HH010F	120±1.6 [3050±40]	28 GAGE

RoHS

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING
DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS: INCHES [METRIC]
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ±.008 [0.20] ANGLES ARE ± 1°
SHEET NO. 1 OF 1

stewart CONNECTOR a bel group
11118 Susquehanna Trail South
Glen Rock, PA 17327-9199
(717) 235-7512
http://www.stewartconnector.com

TITLE: HDMI-2.1 MALE TO HDMI-2.1 MALE CABLE

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DRN BY:	BR	DATE	03-08-23
APPD BY:	GL	DATE	03-10-23
DWG NO.	CT999282	REV.	A0

AutoCAD