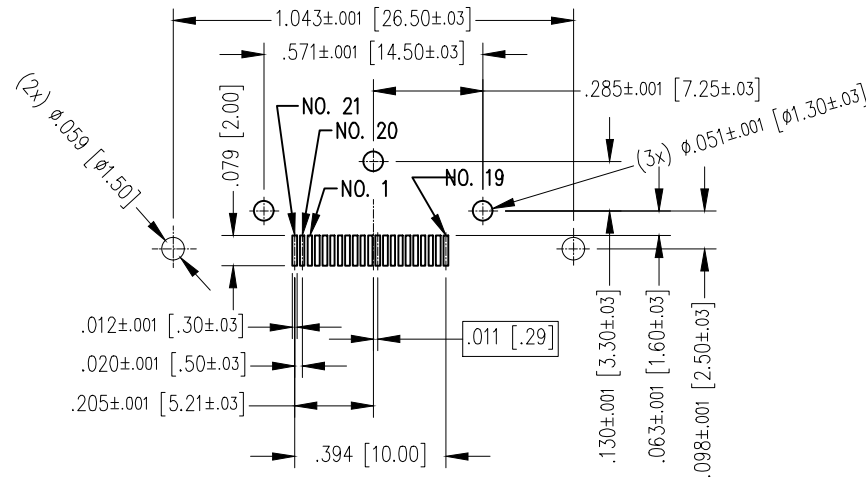
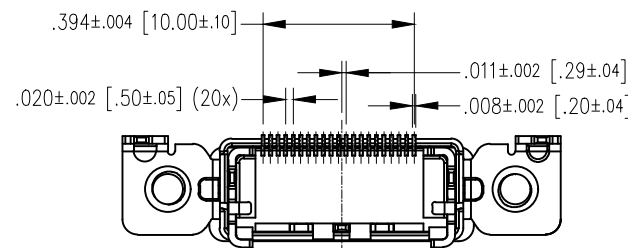
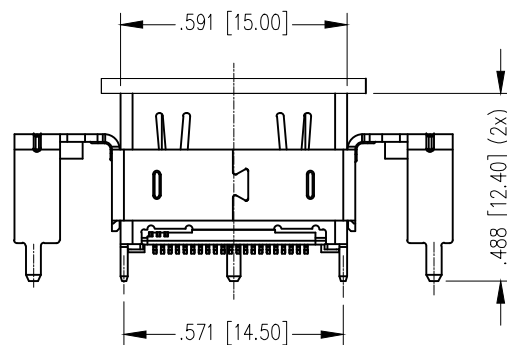
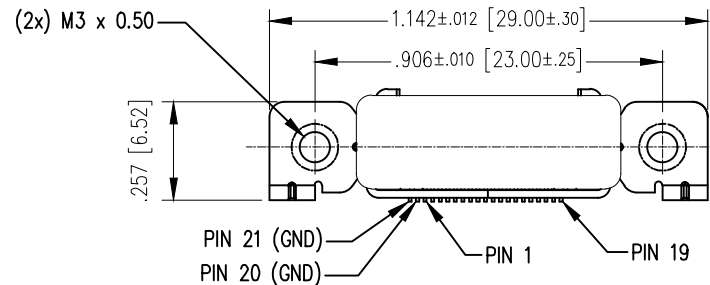
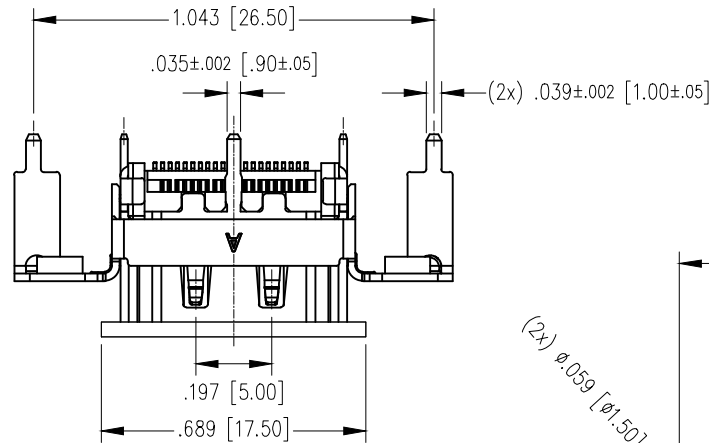
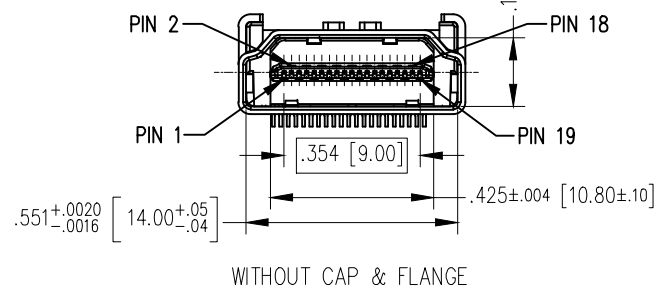
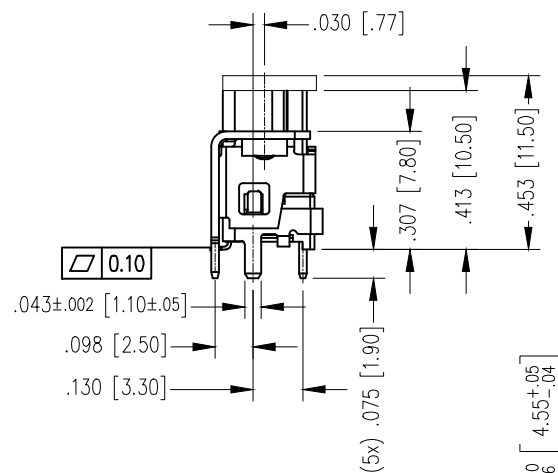


B

A



RECOMMENDED PCB LAYOUT
TOP VIEW (THICKNESS=.063 [1.60])
GENERAL TOLERANCE ±.002 [.05]



PIN ASSIGNMENTS

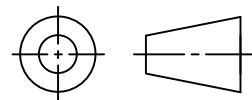
PIN	SIGNAL
1	TMDS Data2+
2	TMDS Data2 Shield
3	TMDS Data2-
4	TMDS Data1+
5	TMDS Data1 Shield
6	TMDS Data1-
7	TMDS Data0+
8	TMDS Data0 Shield
9	TMDS Data0-
10	TMDS Clock+
11	TMDS Clock Shield
12	TMDS Clock-
13	CEC
14	Reserved
15	SCL
16	SDA
17	DDC/CEC GND
18	+5V Power
19	Hot Plug Detect
20	PCB GND
21	PCB GND

NOTE:
GROUND EXTRA SOLDER TAILS AT 20 AND 21
TO THE PCB. THESE GROUND PATHS ARE FOR
EMI PERFORMANCE.

RoHS



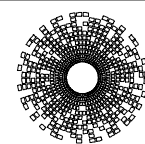
THIRD ANGLE PROJECTION



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 JACK VERTICAL

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VISIT: [HTTP://BELFUSE.COM/STEWART/STEWART_PATENTS/](http://BELFUSE.COM/STEWART/STEWART_PATENTS/)

DRN BY:	JMM	DATE	4-9-19
APPD BY:	ADB	DATE	5-16-19
DWG NO.	CT530003	REV.	A1

DATE	REV	ECN	APP'D. BY
5-16-19	A0	-	-
04-11-24	A1	12348	KAW

NOTES:

- MATERIAL:
HOUSING AND BRACKET: HIGH TEMP.THERMOPLASTIC, UL 94V-0
COLOR: BLACK.
CONTACT: COPPER ALLOY, THICKNESS =0.20MM
SHIELD: SPCC, THICKNESS=0.50MM
- FINISH:
CONTACT: GOLD PLATING ON CONTACT AREA
80u"MIN ,MATTE TIN PLATED ON SOLDER TAILS
50u" MIN. NICKEL UNDER PLATED OVER ALL
SHIELD: 50u" MIN. NICKEL PLATED OVER ALL
- MECHANICAL CHARACTERISTICS
INSERTION FORCE: 44.1N MAX
EXTRACTION FORCE: 9.8N MIN, 39.2N MAX
MATING CYCLE:10000 CYCLES
- ELECTRICAL CHARACTERISTICS
CURRENT RATING: 0.5A
VOLTAGE RATING: 40V
CONTACT RESISTANCE: 10mΩ MAX
(EXCLUDING CONDUCTOR RESISTANCE)
INSULATION RESISTANCE:
a. UNMATED: 100MΩ MIN AT 500VDC
b. MATED: 10MΩ MIN AT 150VDC
DIELECTRIC WITHSTANDING VOLTAGE: 300VAC FOR 1 MINUTE
OPERATING TEMPERATURE: -20°C TO +85°C
STORAGE TEMPERATURE: -20°C TO +65°C

30 MICRO-INCHES [0.76um]	SS-53000-003
CONTACT PLATING IN MATING AREA	PART NUMBER

B

A