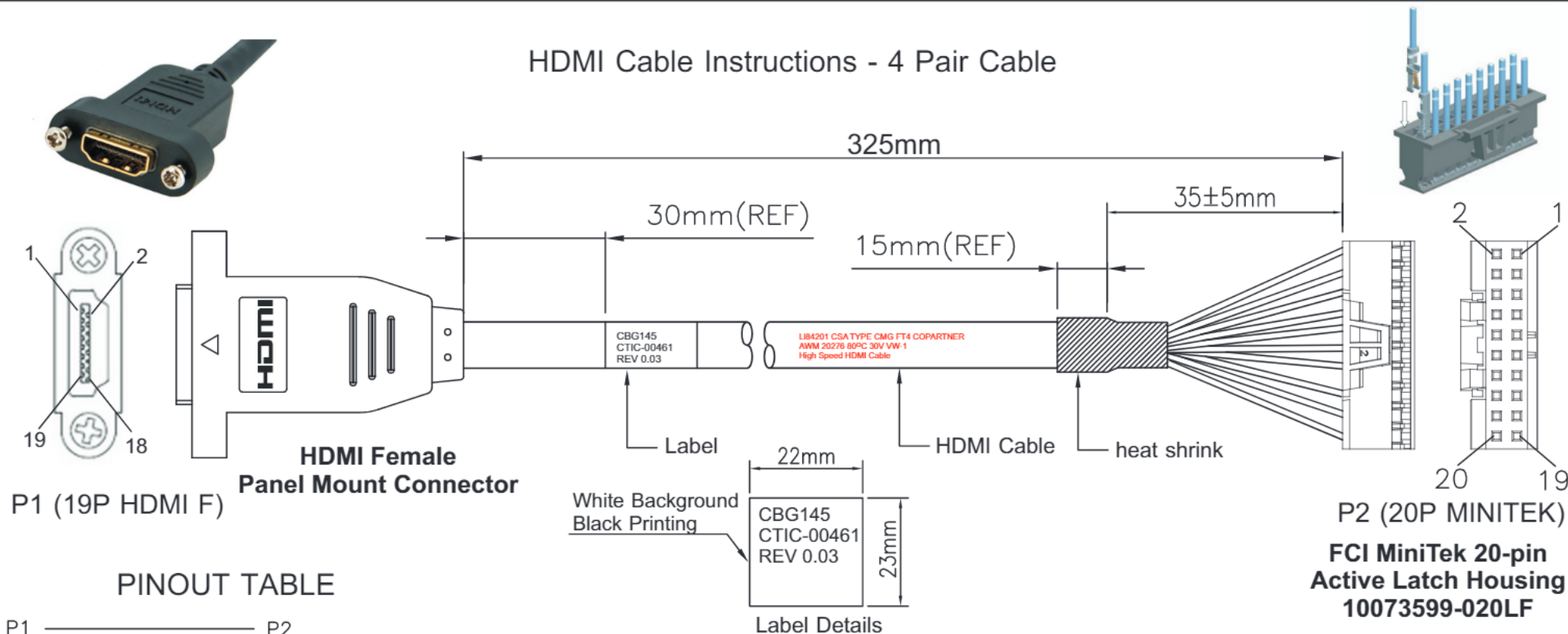


# HDMI Cable Instructions - 4 Pair Cable



## PINOUT TABLE

P1		P2	
1		1	RED
3		3	WHITE (RED)
2		5	BLACK (RED)
4		7	BROWN
6		9	WHITE (BROWN)
5		6	BLACK (BROWN)
7		13	GREEN
9		15	WHITE (GREEN)
8		11	BLACK (GREEN)
10		2	BLUE
12		4	WHITE (BLUE)
11		12	BLACK (BLUE)
16		8	PINK
15		10	GREY
17		16	YELLOW
19		14	RED
13 → NC		NC → 17	
14 → NC		NC → 18	
18		19	ORANGE
		20	ORANGE

## Assembly Notes

- Cable is made from RoHS compliant components, must be HDMI compliant and wires must be 26-30 AWG
- P1- Any HDMI Female Panel Mount connector/cable equivalent can be used including:
  - Startech PN: HDMIPNLFM3 << Preferred Cable (Colour Matching on Left)
  - Adafruit PN: 978
  - Cable Leader PN: HM112-1203
  - L-com PN: PMHDMF-0.5
- P2 - Must use a FCI PN:10073599-020LF connector, along with required FCI crimps PN:77138
- Two twists per pair are required at P2 end of cable

## Revision History

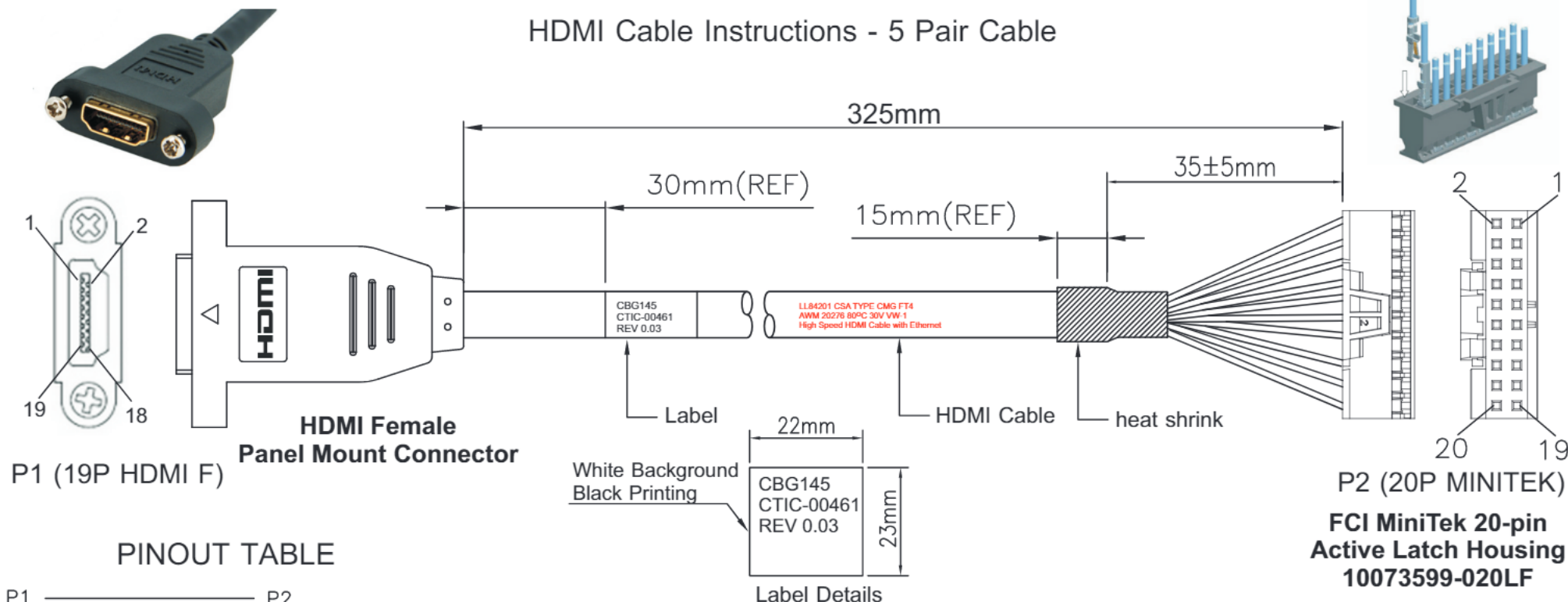
Revision	Description
0.00	Initial
0.01	Connected HDMI +5V Power to FCI Pins 19/20
0.02	Added Secondary Drawing (5 Pair vs 4 Pair)
0.03	Fixed Label Details on Cable



**Connect Tech Inc.**  
Embedded Computing Experts

Part #:	CTIC-00461 / CBG145	
Drawn By:	Tomas Chester	
Date:	2016/03/11	
Revision:	0.03	1 / 2

# HDMI Cable Instructions - 5 Pair Cable



## PINOUT TABLE

P1		P2	
1		1	BROWN
3		3	WHITE (BROWN)
2		5	BLACK (BROWN)
4		7	GREEN
6		9	WHITE (GREEN)
5		6	BLACK (GREEN)
7		13	RED
9		15	WHITE (RED)
8		11	BLACK (RED)
10		2	BLUE
12		4	WHITE (BLUE)
11		12	BLACK (BLUE)
16		8	WHITE
15		10	YELLOW
17		16	BLACK (ORANGE)
19		14	WHITE (ORANGE)
13	→ NC ORANGE	NC	→ 17
14	→ NC ORANGE	NC	→ 18
18		19	RED
		20	RED

## Assembly Notes

- Cable is made from RoHS compliant components, must be HDMI compliant and wires must be 26-30 AWG
- P1- Any HDMI Female Panel Mount connector/cable equivalent can be used including:
  - Startech PN: HDMIPNLFM3 << Preferred Cable (Colour Matching on Left)
  - Adafruit PN: 978
  - Cable Leader PN: HM112-1203
  - L-com PN: PMHDMF-0.5
- P2 - Must use a FCI PN:10073599-020LF connector, along with required FCI crimps PN:77138
- Two twists per pair are required at P2 end of cable

## Revision History

Revision	Description
0.00	Initial
0.01	Connected HDMI +5V Power to FCI Pins 19/20
0.02	Added Secondary Drawing (5 Pair vs 4 Pair)
0.03	Fixed Label Details on Cable



**Connect Tech Inc.**  
Embedded Computing Experts

Part #:	CTIC-00461 / CBG145
Drawn By:	Tomas Chester
Date:	2016/03/11
Revision:	0.03