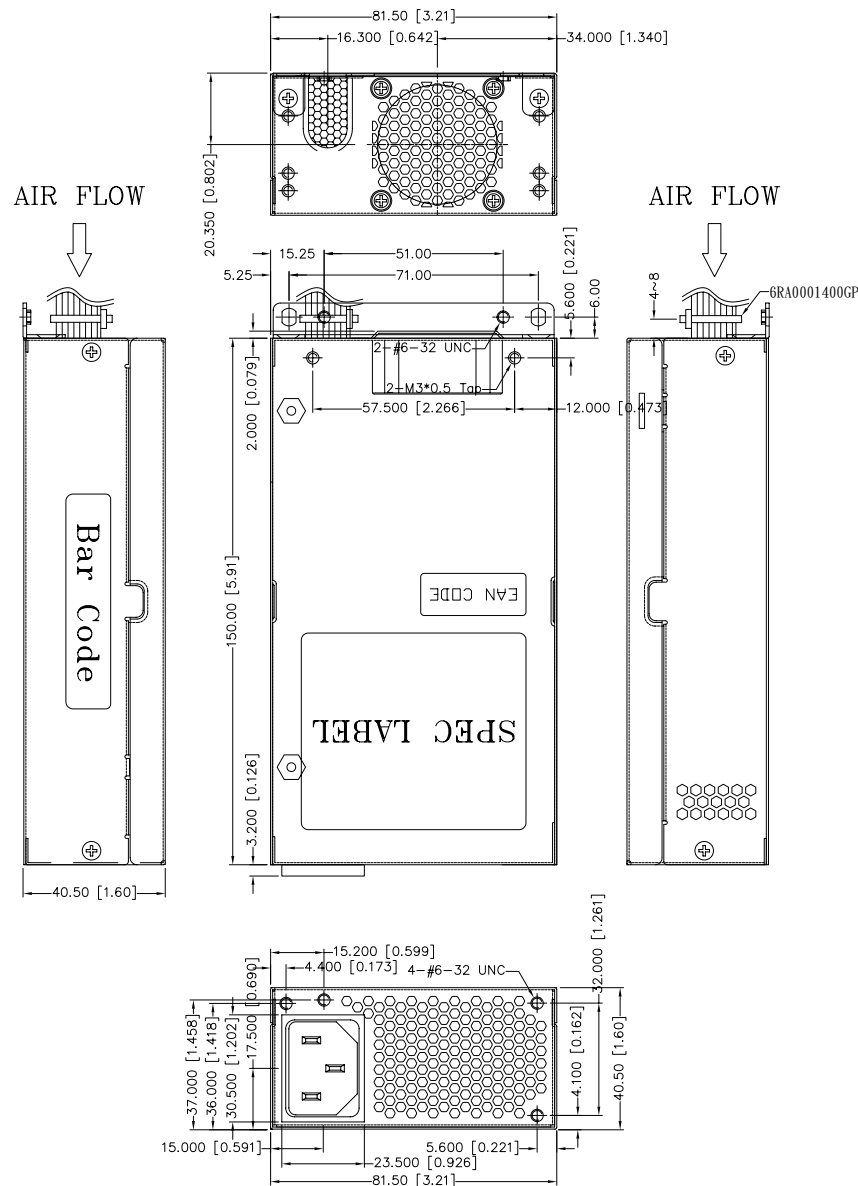


The diagram illustrates the pin assignments for a 24-pin DVI-I connector. The pins are organized into six groups, each with a specific function:

- P1:** A 24-pin connector with pins numbered 1 through 24. Pins 1-4 are on the left, 5-8 on the right, and 9-24 are on the bottom. Pins 1-4 are used for video (P1), and pins 5-8 are used for audio (P2).
- P2:** A 24-pin connector with pins numbered 1 through 24. Pins 1-4 are on the left, 5-8 on the right, and 9-24 are on the bottom. Pins 1-4 are used for video (P1), and pins 5-8 are used for audio (P2).
- PA:** A 4-pin connector with pins numbered 1 through 4. Pins 1-4 are used for video (P1).
- PB:** A 4-pin connector with pins numbered 1 through 4. Pins 1-4 are used for video (P1).
- PC:** A 4-pin connector with pins numbered 1 through 4. Pins 1-4 are used for video (P1).
- PD:** A 4-pin connector with pins numbered 1 through 4. Pins 1-4 are used for video (P1).



REF. D.	PIN NO.	SIGNAL	WIRE COLOR	GAUGE	CONNECTOR TYPE	LENGTH
P1 24	1	+3.3V	ORANGE	20	P20-142002K11D +P4-142002K11D or EQUIV.	200±15 mm
	2	+3.3V	ORANGE	20		
	3	COM	BLACK	20		
	4	+5V	RED	20		
	5	COM	BLACK	20		
	6	+5V	RED	20		
	7	COM	BLACK	20		
	8	PW-OK	GRAY	22		
	9	+5Vsb	PURPLE	20		
	10	+12V	YELLOW	20		
	11	+12V	YELLOW	20		
	12	+3.3V	ORANGE	20		
	13	+3.3V	ORANGE	20		
	14	+3.3VS	BROWN	22		
	14	-12V	BLUE	22		
	15	COM	BLACK	20		
	16	PS-ON	GREEN	22		
	17	COM	BLACK	20		
	18	COM	BLACK	20		
	19	COM	BLACK	20		
20						
P2	21	+5V	RED	20	MOLEX 39-01-2040 or EQUIV.	310±15 mm
	22	+5V	RED	20		
	23	+5V	RED	20		
	24	COM	BLACK	20		
PA	1	COM	BLACK	20	P4-A10202 or EQUIV.	250±15 mm
	2	COM	BLACK	20		
	3	+12V	YELLOW	20		
	4	+12V	YELLOW	20		
PB	1	+12V	YELLOW	20	AMP 171822-4 or EQUIV.	150±10 mm
	2	COM	BLACK	20		
	3	COM	BLACK	20		
	4	+5V	RED	20		
PC	1	+5V	RED	20	AMP 171822-4 or EQUIV.	150±10 mm
	2	COM	BLACK	20		
	3	COM	BLACK	20		
	4	+12V	YELLOW	20		
PD	1	+12V	YELLOW	20	P4-A10202 or EQUIV.	310±15 mm
	2	COM	BLACK	20		
	3	COM	BLACK	20		
	4	+5V	RED	20		
PD	1				MOLEX SD-67582 -001 or EQUIV.	150±10 mm
	2	COM	BLACK	20		
	3	+5V	RED	20		
	4	COM	BLACK	20		
	5	+12V	YELLOW	20		

UNIT:mm [inch]

MODEL NO. : FSP180-50FEB(F660001)		TITLE: ASSY	SHEET: 1 OF 1	REV:01
R&D(2)	PE	DRAWN	DATE	
		周書宇	NOV.25.2019	
INTERIOR COUNTERSIGN:				