

Board-to-Board (FPC) Connector

Click the photos below to get more detailed product information. P Power pin (except NOVASTACK 35-V)

Product name		NOVASTACK® 4	NOVASTACK® 35-P	NOVASTACK® 35-V	NOVASTACK® 35-HDP	NOVASTACK® -B
Feature			 P		 P	 P
		Smallest size in 0.4 mm pitch	Signal and power hybrid	Visual mating	High-speed (20+Gbps) Fully-shielded High power	High power (6 A x 4 pins)
Receptacle P/N		20642-0**E	20709-0**E-**	20664-0**E	20698-0**E-01*	20713-004E-0*
Plug P/N		20641-0**E	20708-0**E-**	20663-1**E	20697-0**E-01*	20712-004E-0*
Pitch (mm)		0.4	0.35	0.35	0.35	0.4(signal), 1.7(power)
Pin count	Range	6 - 80	10 - 80 (signal) + 2 (power)	10 - 80	6 - 76 (signal) + 4 (power)	2 - 4 (signal) + 4 (power)
	Available	6, 10, 24, 30, 34, 40	14,18,20,24,30, 34,40,50,60	40,54	42,56/+4	4+4
* Please inquire for pin counts not listed as available or outside of the pin count range.						
Mated Size (mm)	Stack height	0.6+/-0.1	0.7+/-0.1	0.7+/-0.1	0.7+/-0.05	0.6+/-0.1
	Width formula	2.50+(0.4*?p/2)	2.17+(0.35*?p/2)	3.56+(0.35*?p/2)	4.89+(0.35*?p/2)	3.20+(0.4*?p/2)
	Depth	1.88	2.3	2.1	3.7	2.6
Current rating	Signal pin	0.3A/pin				1.0A/pin
	Power pin	-	2.0A/pin x 2	-	2.2/pin x 4	6.0A/pin x 4



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