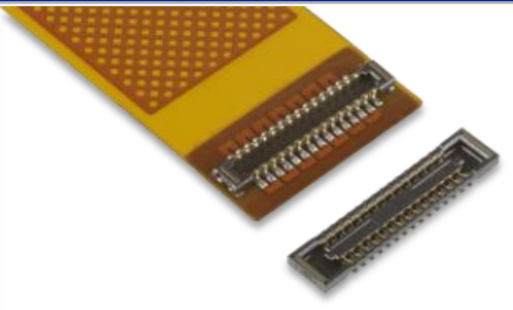
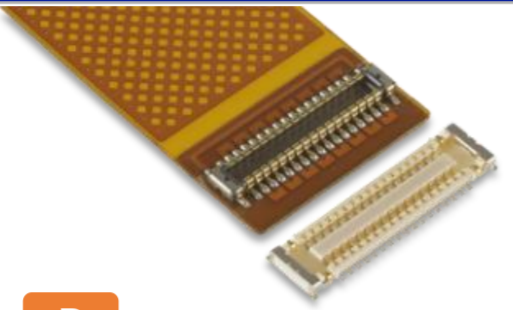
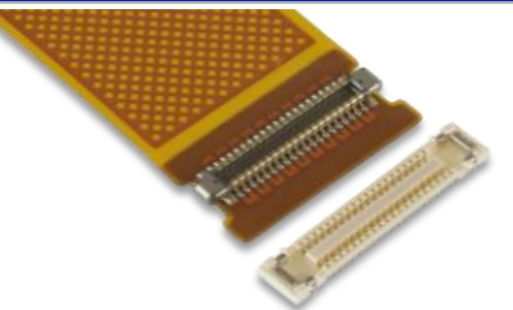


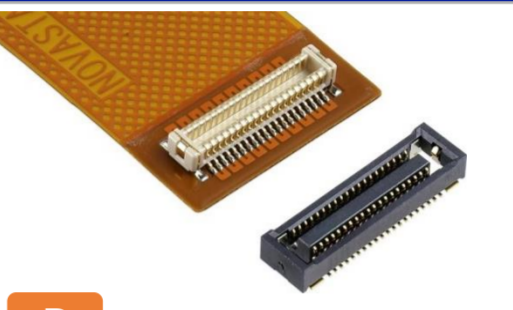
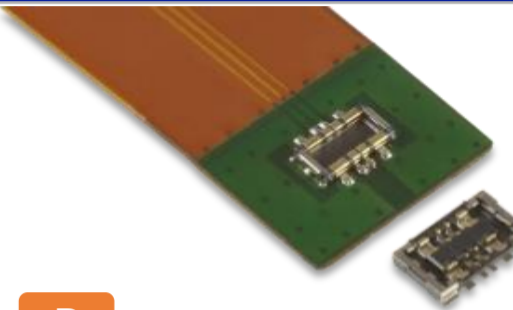



# Board-to-Board (FPC) Connector

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

Product name		NOVASTACK® 4	NOVASTACK® 35-P	NOVASTACK® 35-V	NOVASTACK® 35-HDP	NOVASTACK® 35-HDN	NOVASTACK® 35-PH	NOVASTACK®-B	
Feature			 <b>P</b>		 ZenShield™ <b>P</b>	 ZenShield™	 <b>P</b>	 <b>P</b>	
		<b>Smallest size in 0.4 mm pitch</b>	<b>Signal and power hybrid</b>	<b>Visual mating</b>	<b>High-speed (20+ Gbps) Fully-shielded High power</b>	<b>High-frequency (-15 GHz) High-speed (20+G bps) Fully-shielded</b>	<b>Authentic high profile design with power pin</b>	<b>High power (6 A x 4 pins)</b>	
Receptacle P/N		20642-0**E	20709-0**E-**	20664-1**E-01	20698-0**E-01*	20865-0**E-**	20843-0**E-21	20713-004E-0*	
Plug P/N		20641-0**E	20708-0**E-**	20663-1**E-01	20697-0**E-01*	20864-0**E-**	20842-0**E-21	20712-004E-0*	
Pitch (mm)		0.4	0.35	0.35	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)	10 - 60	10 - 50 (signal) + 2 (power)	2 - 4 (signal) + 4 (power)	
	Available	6, 10, 24, 30, 34, 40	10,14,18,20,24,30, 34,40,50,60	30	28,34,42,56,62/+4	10, 20, 30	10,30,40,50/+2	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	0.7+/-0.05	1.5+/-0.06	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)	4.15 (10P) 5.90 (20P) 7.90 (30P)	2.65+(0.35*?p/2)	3.20+(0.4*?p/2)	
	Depth	1.88	2.3	2.1	3.7	2.15	2.8	2.6	
Current rating	Signal pin	0.3A/pin				1.0A / pin (Max. 10P) (12pin and over : 12.0 A AC/DC (Total))		0.3A/pin	1.0A/pin
	Power pin	-	2.0A/pin x 2	-	2.2A/pin x 4	-	3.0A/pin x 2	6.0A/pin x 4	

# Appendix : I-PEX Connectors Series

 Click icon below to see latest product information



**MHF<sup>®</sup>**



High-Frequency  
Micro **RF**  
Connectors



**CABLINE<sup>®</sup>**  
**FPL<sup>®</sup>**



High-Speed  
**Micro-Coaxial**  
Connectors



**NOVASTACK<sup>®</sup>**



High-Density  
**Board-to-Board**  
Connectors



**EVAFLEX<sup>®</sup>**  
**MINIFLEX<sup>®</sup>**



High-Density  
**FFC/FPC**  
Connectors



**ISH<sup>®</sup>**  
**IARPB<sup>®</sup>**



High-Power  
**Wire-to-Board**  
Connectors



**CUSTOM**





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