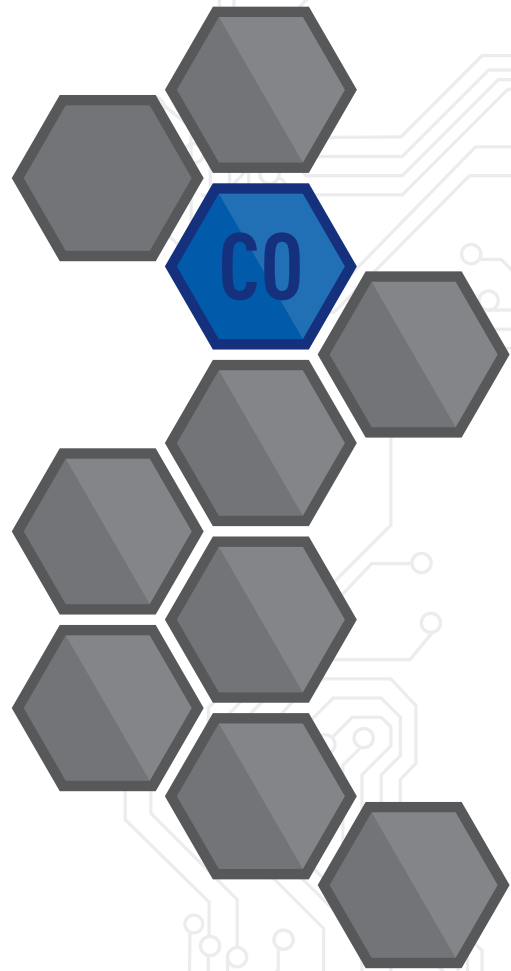


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Narrow Pitch Board to FPC

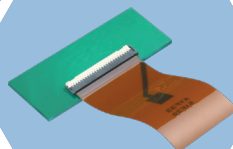
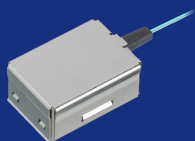
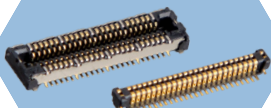
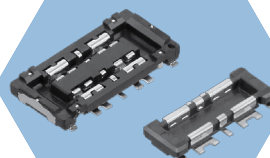
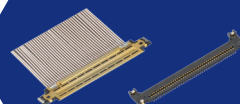
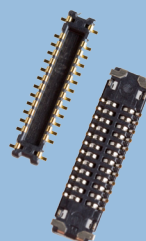
Narrow Pitch Board to Board

FPC Connectors

Micro Coaxial

Active Optical Connectors

Stacking Connectors for High Current



Board to FPC									
Series		S35		A35US	A4F	A4US	A4S		F4S
Part Number (Socket)		AXG1*		AXG7**	AXE3**	AXE1**	AXE5**		AXT5**
Part Number (Header)		AXG2*		AXG8**	AXE4**	AXE2**	AXE6**		AXT6**
Mated Height (mm)		0.6	0.8	0.6	0.6	0.8	0.8	1.0	1.0
Socket (W) (mm)		1.7		2.2	3.0	2	2.5		3.6
Header (W) (mm)		1.5		1.8	2.4	1.8	2.0		2.6
Terminal Pitch (mm)		0.35		0.35	0.4	0.4	0.4		0.4
Number of Contacts	0-9								
	10 - 19	10, 16	12	10 12, 16	10, 12, 14, 16	10, 14, 18	10, 12, 14, 16, 18	10, 12, 14	10, 12, 14, 16, 18
	20 - 29	20, 24	24	20, 24	20, 22, 24, 26, 28	20, 24	20, 22, 24, 26, 28	20, 24, 26	20, 22, 24, 26, 28
	30 - 39	30, 34	34	30, 34	30, 32, 34, 36, 38	30, 34, 36	30, 32, 34, 36, 38	30, 32	30, 32, 34, 36, 38
	40 - 49	40, 44	44	40	40, 42, 44	40	40, 44	40, 44	40, 42, 44, 46, 48
	50 - 59	50, 54		50	50, 54	50	50, 54, 56	50, 54	50, 54
	60 - 69			60	60, 64	60	60, 64	60	60, 64
	70 - 79				70	70	70	70	70
80 +			100, 120	80	80	80	80	80	
Rated Current (contact)		0.3A		0.25A	0.3A	0.3A	0.3A		0.3A
Rated Voltage (AC/DC)		60V							
Insertion/Removal Life*		30 X							

Board to FPC & Board to Board																					
Series		P35S		P4S			P4					P4 w/ Soldering Terminal						P5KF			
Part Number (Socket)		AXT1**		AXT3**			AXK7**					AXK7**						AX5F**			
Part Number (Header)		AXT2**		AXT4**			AXK8**					AXK8**						AXK6F**			
Mated Height (mm)		1.5	1.5	2.0	2.5	3.0	1.5	2.0	2.5	3.0	3.5	4.0	1.5	2.0	2.5	3.0	3.5	4.0	1.5	2.0	2.5
Socket (W) (mm)		3.6		3.60			5.10					5.10						5.8			
Header (W) (mm)		2.35		2.35			3.96					3.96						3.3			
Terminal Pitch (mm)		0.4		0.4			0.4					0.4						0.5			
Number of Contacts	10 - 19		10, 16				14, 16	14	14				10, 12		12				10, 12, 14, 16, 18	10, 12, 14, 16, 18	10, 12, 14, 16
	20 - 29	20, 22, 24, 26, 28	20, 22, 24, 26, 28		20	20	20, 22, 24, 26, 28	20, 24, 26	20, 24	20, 24	20	24	20, 22, 24, 28	20, 24	20, 28	20	20		20, 22, 24, 26	20, 22, 24, 26	20, 22, 24
	30 - 39	30, 32, 34, 36, 38	30, 32, 34, 36, 38		30	30	30, 34, 36	30, 34, 38	30, 34	30	30		30, 34, 36	30, 34	32, 36	36	30	34	30, 32, 34	30, 34	30, 34, 36
	40 - 49	40	40, 44, 46	40	40	43	40, 42, 44	40	40, 44	40	40		40, 44, 46	40	40	40	40	42	40	40	40, 44
	50 - 59	50, 52	50, 54, 56			56	50, 54	50, 54	50	50			50	50	50	50	50	50	50	50	50
	60 - 69	60	60, 64		60	60	60, 64	60	60	60			60	60	60	60	60		60	60	60
	70 - 79	70	70				70	70	70							70	70		70	70	70
	80 +	80, 90, 100	80, 90, 100	90, 100	80, 100	80, 120	80, 90, 100	80, 100	80, 90, 100	80, 100			80, 90, 100	80	80, 90	80, 90	80	80, 90	80	80, 100	80
Rated Current (contact)		0.25A		0.3A			0.3A					0.3A						0.5A			
Max Current		5A																			
Rated Voltage (AC/DC)		60V																			
Insertion/Removal Life*																					

*Inspection Connectors Available @ 3000X :: Ambient Operating Temperature: -55 ~ +85°C

Board to Board												
Series		P5K		P5KS								
Part Number (Socket)		AXK5**		AXK5S**								
Part Number (Header)		AXK6**		AXK6S**								
Mated Height (mm)		3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	8.0	9.0
Socket (W) (mm)		5.8		5.4								
Header (W) (mm)		4.6		5.0								
Terminal Pitch (mm)		0.5		0.5								
Number of Contacts	20 - 29	20, 22	20, 22	20, 24	20, 24	20, 24	20, 24	20	20	20	20	20
	30 - 39	30	30, 34	30, 34	30, 34, 36	30, 34	30, 34	30	30	30	30	30
	40 - 49	40	40	40	40	40	40	40	40	40	40	40
	50 - 59	50	50	50	50	50	50	50	50	50	50	50
	60 - 69	60	60	60	60	60	60	60	60	60	60	60
	70 - 79	70	70	70	70	70	70	70	70	70	70	70
	80 +	80, 100, 120	80, 100, 120	80, 100, 120, 160	80, 100, 120, 160	80, 100	80, 100	80, 100	80, 100, 130	80, 100	80, 100	80, 100
Rated Current (contact)		0.5A										
Max Current		16A										
Rated Voltage (AC/DC)		60V										
Insertion & Removal Life*												

*Inspection Connectors Available @ 3000X :: Ambient Operating Temperature: -55 ~ +85°C

FPC Connectors								
Series		Y3B	Y3BW	Y3BL	Y2B	Y5B	Y5BW	Y4BH
Part Number		AYF33***35	AYF33**65	AYF35**25	AYF21**25	AYF53**35	AYF53**65T	AYF42**35
Lock Structure		Back		Back	Back	Back	Back	Back
Mounting Height (mm)		0.9		0.6	0.9	1	1	1
Contact Pitch (mm)		0.3		0.3	0.2	0.5	0.5	0.4
Terminal Pitch (mm)		0.6		0.6		0.5	0.5	0.4
Dimension (W) (mm)		3.15		3.15	3.15	3.7	3.7	3.7
Number of Contacts	1 - 10	7, 8, 9		7		4, 5, 6, 8,	2, 3, 4, 6, 8	
	10 - 19	11, 13, 15, 17	11	15		10, 12, 14, 16	10, 12, 14	
	20 - 29	21, 23, 25, 27	25	23	23	24, 28	22, 26, 28	
	30 - 39	31, 33, 35, 37, 39		31, 39	31	30, 32, 34	30, 32, 38	
	40 - 49	41, 45			41	40, 42	40, 48	40, 50
	50 - 59	51	51	51	51	50		
	60+	60, 71			61			
Compatibility w/ FPC/FFC		FPC		FPC	FPC	FPC/FFC	FPC	FPC
Contact Structure		Top & Bottom		Top & Bottom	Top & Bottom	Top & Bottom	Top & Bottom	Top & Bottom
Rated Current (Contact)		0.2A		0.2A	0.2A	0.2A	0.5A	0.3A
Rated Voltage (AC/DC)		50V						
Insertion & Removal Life		30 X						

Micro Coaxial		
Series	CS	CF
Part Number	Receptacle: AXC51Sxxxx Plug: AXC61Sxxxx Cover Shell: AXC81Sxxxx	Receptacle: AXC51Fxxxx Plug: AXC61Fxxxx Cover Shell: AXC81Fxxxx
Mated Height	1.27mm	0.8mm
Terminal Pitch	0.5mm	0.4mm
Dimensions (Short width including terminals)	2.81mm	3.8mm
Rated Current (contact)	0.25A	0.30A
Max Current	4A	
Rated Voltage (AC/DC)	50V	
Insertion & Removal Life	30 times	
Ambient Temperature	-55 - 85°C	

Active Optical Connectors	
Series	V
Part Number (Integrated Cable and Plug)	AYG4V1**
Part Number (Receptacle)	AXK6S20447M*
Transmission Rate	20Mbps to 6Gbps
Transmission Specification	Bi-directional, 1channel
Electrical Static Discharge	2kV
Cable Length	50mm, 300mm, 1m

Stacking Connectors for High Current		
Series	B01	
Part Number (Socket)	AXF361500	AXF461500
Part Number (Header)	AXF363500	AXF463500
Stacking Height in mm	0.6	0.8
No of Contacts	6	6
Width (Socket) in mm	1.6	1.6
Width (Header) in mm	1.6	1.6
Total Rated Current Power Terminal	6A	6A
Insertion/Removal Life	30x	30x

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