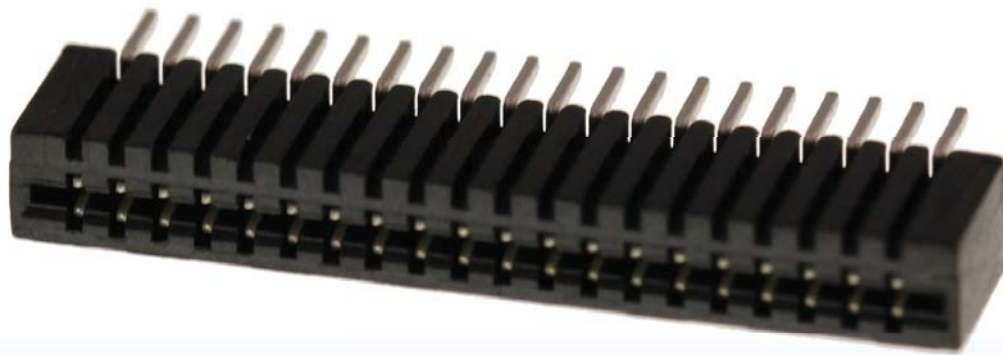
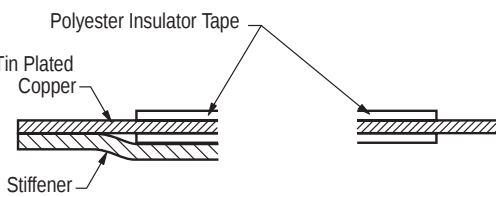


FFC/FPC

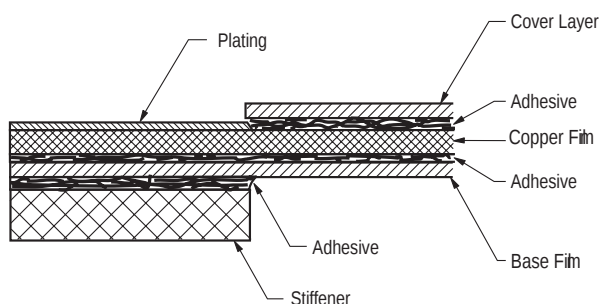


Cables.....	194
Connectors.....	196

FFC - Flat Flexible Cable is constructed of thin copper conductors sealed between two layers of insulation and used for straight through 1:1 connections. The copper conductors are exposed on both ends of the cable, either on the same side (Type A), or on opposite sides of the cable (type B) and provide the electrical contact to the connector. A stiffener, also commonly referred to as a “backer” or “support tape” is bonded to each cable end to provide reinforcement and strain relief. Assmann’s FFC is available standard in both 0.50MM and 1.00MM pitch from 2 to 60 conductors.

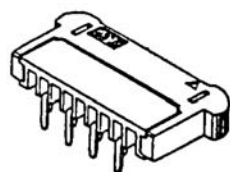


FPC - Flexible Printed Circuits are made of chemically etched copper film used to fabricate a desired circuit pattern. FPCs are custom manufactured to meet a particular design specification.

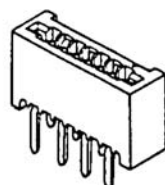


PCB Termination Style

THROUGH HOLE

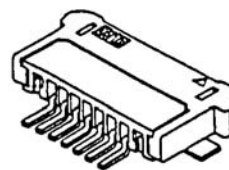


Right Angle

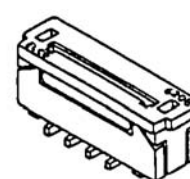


Straight

SURFACE MOUNT



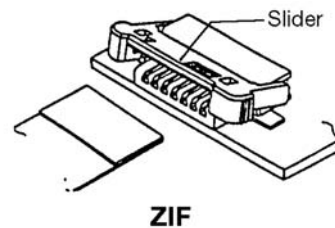
Right Angle



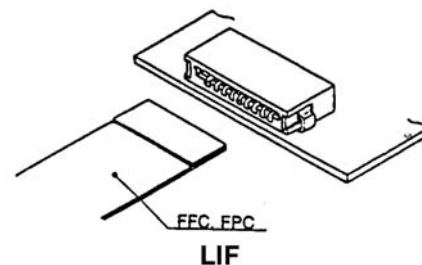
Straight

Connector Terminology

ZIF (Zero Insertion Force) - This connector type utilizes a mechanical slider technique that locks down over the cable. ZIF connectors allow the most mating cycles, typically 20-30, due to less friction between the cable/connector contacts.

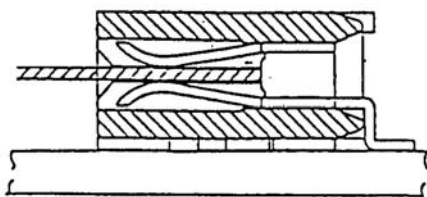


LIF (Low Insertion Force) - This connector type accommodates the finished cable by being gently inserted into the cable end of the connector. This connector is reliable and cost effective but the maximum mating cycles is typically rated at 10.

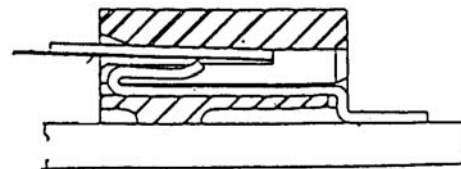


PCB Placement - Retentive legs, strain reliefs, and mounting bosses provide mechanical support when PCB mounted.

Contact Orientation



Dual Sided Contact



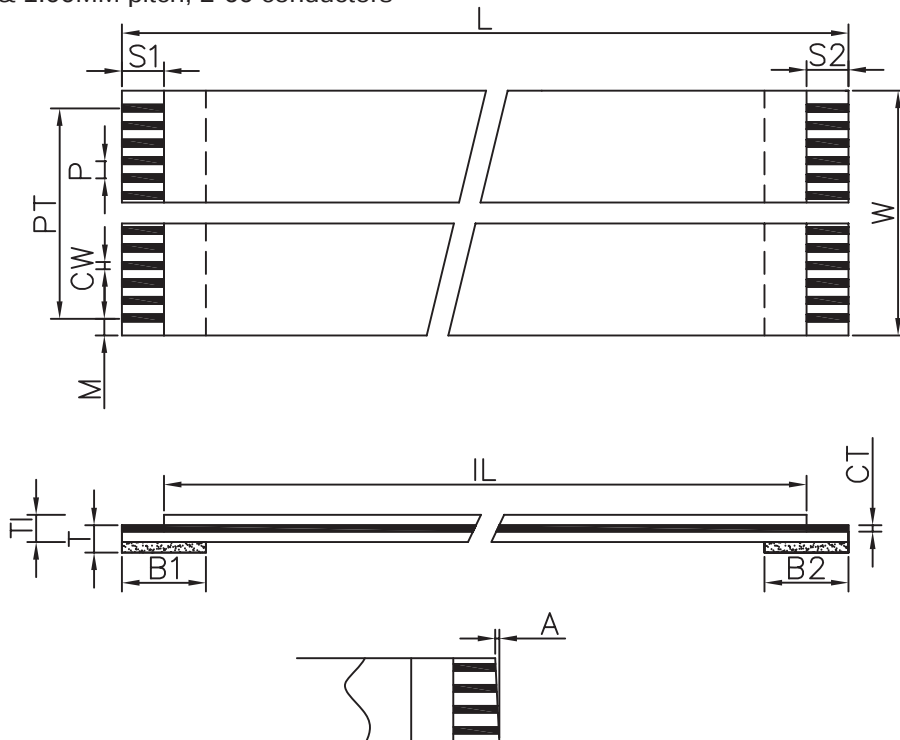
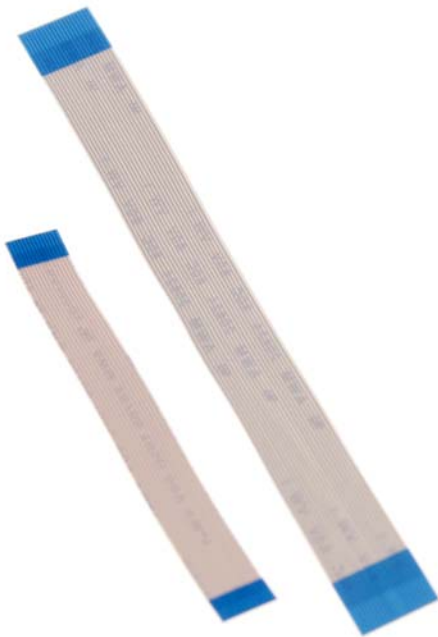
Single Sided-Bottom Contact

LIF (Dual Sided Contacts) - the orientation of the cable is not very crucial.

Single Sided Contacts - Cable orientation is critical as the FFC/FPC must be inserted so that the cable/connector contacts meet.

Cable - A type, FFC/FPC, 0.50MM & 1.00MM pitch, 2-60 conductors

USB & IEEE
IDC &
Flat Ribbon
& Jumper
IC, PLCC, Pin
DSUB &
Centronics
Waterproof
DVI & HDMI
Modular



Material:

Conductors: Tin plated
Total Pitch: (Conductors - 1) * 1.0
Total/Insulation Length: Length $\pm$ 2.0MM
Total Width: (Conductors + 1) * 1.0
S1 Strip Length: 4.0MM $\pm$ 1.0MM
S2 Strip Length: 4.0MM $\pm$ 1.0MM
B1 Support Tape Length: 8.0MM $\pm$ 2.0MM
B2 Support Tape Length: 8.0MM $\pm$ 2.0MM
Slanting: $\leq$ 0.3MM
Over Lap: $\leq$ 0.5MM
Terminal Thickness: 0.30MM $\pm$ 0.05MM
Thickness Insulation: 0.12MM $\pm$ 0.02MM
Conductor Thickness: 0.035MM $\pm$ 0.005MM
Supporting Tape Color: Blue
PET (Supporting Tape Color): 0.225MM
PET (Insulation): 0.043MM
Temperature: 15°C ~ 25°C



Pitch	Strip Length	Support Tape Length	Conductor Width (CW)	Conductor Thickness (CT)	Margin Width
0.50MM	4MM/4MM	8.00MM	0.30MM $\pm$ 0.02MM	0.35MM $\pm$ 0.005MM	0.5MM $\pm$ 0.05MM
0.50MM	8MM/8MM	16.00MM	0.30MM $\pm$ 0.02MM	0.35MM $\pm$ 0.005MM	0.5MM $\pm$ 0.05MM
1.00MM	4MM/4MM	8.00MM	0.65MM $\pm$ 0.02MM	0.35MM $\pm$ 0.005MM	1.0MM $\pm$ 0.05MM
1.00MM	8MM/8MM	16.00MM	0.65MM $\pm$ 0.02MM	0.35MM $\pm$ 0.005MM	1.0MM $\pm$ 0.05MM

Unit: MM

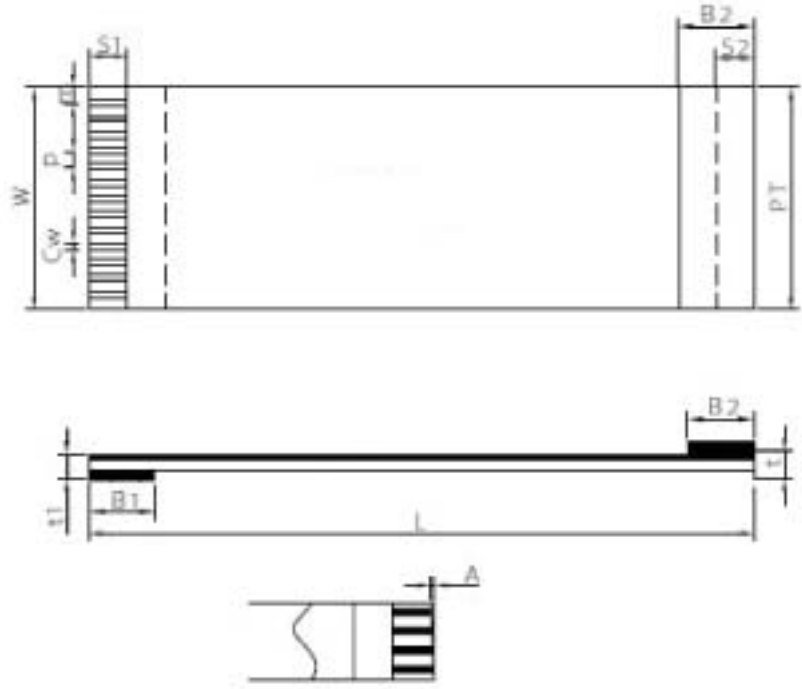
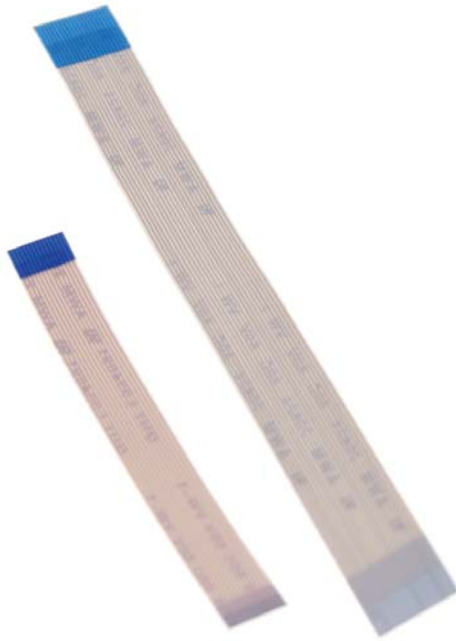
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)

A-FFC/A-xx1-x2-xx3/xxxx4-R

xx ¹	05 -Pitch 0.5MM (strip length 4.00MM) 10 -Pitch 1.0MM (strip length 5.00MM)	x ²	4 -Strip Length 4/4 8 -Strip Length 8/8	xx ³	Number of Conductors: 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60	xx ⁴	Length: 0025 (25MM) - 2000 (2,000MM)
-----------------	--	----------------	--	-----------------	--	-----------------	--

Cable - B type, FFC/FPC, 0.50MM & 1.00MM pitch, 2-60 conductors



Material:

Conductors: Tin plated
 Total Pitch: (Conductors - 1) * 1.0
 Total/Insulation Length: Length $\pm$ 2.0MM
 Total Width: (Conductors + 1) * 1.0
 S1 Strip Length: 4.0MM $\pm$ 1.0MM
 S2 Strip Length: 4.0MM $\pm$ 1.0MM
 B1 Support Tape Length: 8.0MM $\pm$ 2.0MM
 B2 Support Tape Length: 8.0MM $\pm$ 2.0MM
 Slanting: $\leq$ 0.3MM
 Over Lap: $\leq$ 0.5MM
 Terminal Thickness: 0.30MM $\pm$ 0.05MM
 Thickness Insulation: 0.12MM $\pm$ 0.02MM
 Conductor Thickness: 0.035MM $\pm$ 0.005MM
 Supporting Tape Color: Blue
 PET (Supporting Tape Color): 0.225MM
 PET (Insulation): 0.043MM
 Temperature: 15°C ~ 25°C



Pitch	Strip Length	Support Tape Length	Conductor Width (CW)	Conductor Thickness (CT)	Margin Width
0.50MM	4MM/4MM	8.00MM	0.30MM $\pm$ 0.02MM	0.35MM $\pm$ 0.005MM	0.5MM $\pm$ 0.05MM
0.50MM	8MM/8MM	16.00MM	0.30MM $\pm$ 0.02MM	0.35MM $\pm$ 0.005MM	0.5MM $\pm$ 0.05MM
1.00MM	4MM/4MM	8.00MM	0.65MM $\pm$ 0.02MM	0.35MM $\pm$ 0.005MM	1.0MM $\pm$ 0.05MM
1.00MM	8MM/8MM	16.00MM	0.65MM $\pm$ 0.02MM	0.35MM $\pm$ 0.005MM	1.0MM $\pm$ 0.05MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

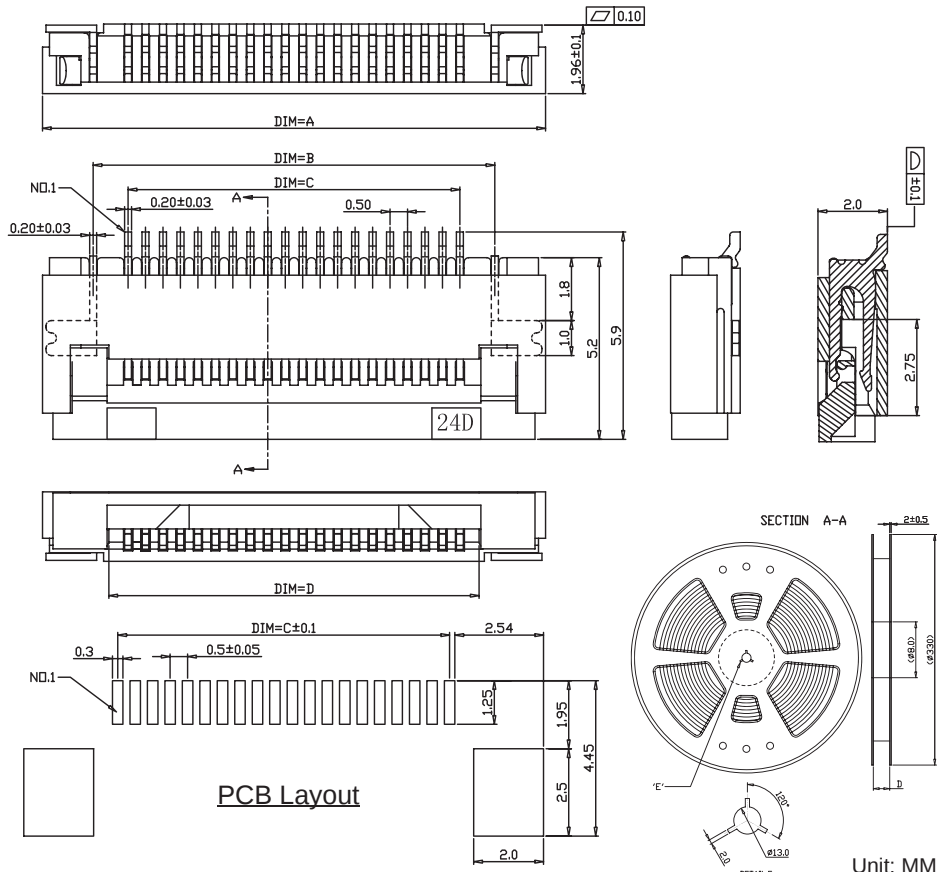
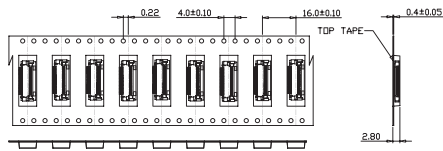
Assmann Part Number (Standard Stocking Item)

A-FFC/B-xx¹-x²-xx³/xxxx⁴-R

xx ¹	x ²	xx ³	xx ⁴
05 -Pitch 0.5MM (strip length 4.00MM) 10 -Pitch 1.0MM (strip length 5.00MM)	4 -Strip Length 4/4 8 -Strip Length 8/8	Number of Conductors: 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60	Length: 0025 (25MM) - 2000 (2,000MM)

Locking Flip Cover - 0.5MM Pitch, FFC/FPC Connector, Bottom Contact, 4-60 pins

USB & IEEE
IDC &
Flat Ribbon
& Jumpers
IC, PLCC, Pin
DSUB &
Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA &
eSATA
FFC/FPC
MiniDIN &
Audio
KVM Cables



Material:

Housing & Slider: Thermoplastic (UL94V-0)

Terminal: Phosphor Bronze

Fitting Nail: Phosphor Bronze Tin plated

Operating Temperature: -25°C~+85°

Electrical:

Current Rating: 0.4AAC/DC

Voltage Rating: 50V AC/DC

Withstanding Voltage: 200V AC/Minute

Contact Resistance: 50MΩ

Insulation Resistance: 500MΩ



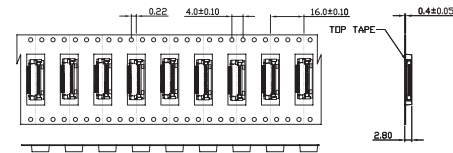
PCB Layout

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D
A-FFC0.5B-04-B-x-R	4	6.40	3.50	1.50	2.60	A-FFC0.5B-33-B-x-R	33	20.90	18.00	16.00	17.10
A-FFC0.5B-05-B-x-R	5	6.90	4.00	2.00	3.10	A-FFC0.5B-34-B-x-R	34	21.40	18.50	16.50	17.60
A-FFC0.5B-06-B-x-R	6	7.40	4.50	2.50	3.60	A-FFC0.5B-35-B-x-R	35	21.90	19.00	17.00	18.10
A-FFC0.5B-07-B-x-R	7	7.90	5.00	3.00	4.10	A-FFC0.5B-36-B-x-R	36	22.40	19.50	17.50	18.60
A-FFC0.5B-08-B-x-R	8	8.40	5.50	3.50	4.60	A-FFC0.5B-37-B-x-R	37	22.90	20.00	18.00	19.10
A-FFC0.5B-09-B-x-R	9	8.90	6.00	4.00	5.10	A-FFC0.5B-38-B-x-R	38	23.40	20.50	18.50	19.60
A-FFC0.5B-10-B-x-R	10	9.40	6.50	4.50	5.60	A-FFC0.5B-39-B-x-R	39	23.90	21.00	19.00	20.10
A-FFC0.5B-11-B-x-R	11	9.90	7.00	5.00	6.10	A-FFC0.5B-40-B-x-R	40	24.40	21.50	19.50	20.60
A-FFC0.5B-12-B-x-R	12	10.40	7.50	5.50	6.60	A-FFC0.5B-41-B-x-R	41	24.90	22.00	20.00	21.10
A-FFC0.5B-13-B-x-R	13	10.90	8.00	6.00	7.10	A-FFC0.5B-42-B-x-R	42	25.40	22.50	20.50	21.60
A-FFC0.5B-14-B-x-R	14	11.40	8.50	6.50	7.60	A-FFC0.5B-43-B-x-R	43	25.90	23.00	21.00	22.10
A-FFC0.5B-15-B-x-R	15	11.90	9.00	7.00	8.10	A-FFC0.5B-44-B-x-R	44	26.40	23.50	21.50	22.60
A-FFC0.5B-16-B-x-R	16	12.40	9.50	7.50	8.60	A-FFC0.5B-45-B-x-R	45	26.90	24.00	22.00	23.10
A-FFC0.5B-17-B-x-R	17	12.90	10.00	8.00	9.10	A-FFC0.5B-46-B-x-R	46	27.40	24.50	22.50	23.60
A-FFC0.5B-18-B-x-R	18	13.40	10.50	8.50	9.60	A-FFC0.5B-47-B-x-R	47	27.90	25.00	23.00	24.10
A-FFC0.5B-19-B-x-R	19	13.90	11.00	9.00	10.10	A-FFC0.5B-48-B-x-R	48	28.40	25.50	23.50	24.60
A-FFC0.5B-20-B-x-R	20	14.40	11.50	9.50	10.60	A-FFC0.5B-49-B-x-R	49	28.90	26.00	24.00	25.10
A-FFC0.5B-21-B-x-R	21	14.90	12.00	10.00	11.10	A-FFC0.5B-50-B-x-R	50	29.40	26.50	24.50	25.60
A-FFC0.5B-22-B-x-R	22	15.40	12.50	10.50	11.60	A-FFC0.5B-51-B-x-R	51	29.90	27.00	25.00	26.10
A-FFC0.5B-23-B-x-R	23	15.90	13.00	11.00	12.10	A-FFC0.5B-52-B-x-R	52	30.40	27.50	25.50	26.60
A-FFC0.5B-24-B-x-R	24	16.40	13.50	11.50	12.60	A-FFC0.5B-53-B-x-R	53	30.90	28.00	26.00	27.10
A-FFC0.5B-25-B-x-R	25	16.90	14.00	12.00	13.10	A-FFC0.5B-54-B-x-R	54	31.40	28.50	26.50	27.60
A-FFC0.5B-26-B-x-R	26	17.40	14.50	12.50	13.60	A-FFC0.5B-55-B-x-R	55	31.90	29.00	27.00	28.10
A-FFC0.5B-27-B-x-R	27	17.90	15.00	13.00	14.10	A-FFC0.5B-56-B-x-R	56	32.40	29.50	27.50	28.60
A-FFC0.5B-28-B-x-R	28	18.40	15.50	13.50	14.60	A-FFC0.5B-57-B-x-R	57	32.90	30.00	28.00	29.10
A-FFC0.5B-29-B-x-R	29	18.90	16.00	14.00	15.10	A-FFC0.5B-58-B-x-R	58	33.40	30.50	28.50	29.60
A-FFC0.5B-30-B-x-R	30	19.40	16.50	14.50	15.60	A-FFC0.5B-59-B-x-R	59	33.90	31.00	29.00	30.10
A-FFC0.5B-31-B-x-R	31	19.90	17.00	15.00	16.10	A-FFC0.5B-60-B-x-R	60	34.40	31.50	29.50	30.60
A-FFC0.5B-32-B-x-R	32	20.40	17.50	15.50	16.60						

x = Packaging T - Tube | R - Tape & Reel



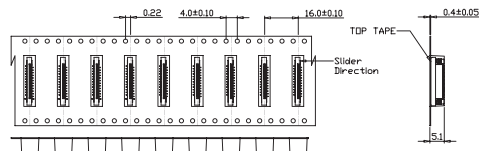
Unit: MM

x = Packaging T -Tube | R -Tape & Reel

Post Interlocking set - 0.5MM Pitch,

FFC/FPC Connector, SMT, Vertical Right Side Mounting 4-60 pins

USB & IEEE
IDC &
Flat Ribbon
IC, PLCC, Pin
& Jumpers
DSUB &
Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA &
eSATA
FFC/FPC
MiniDIN &
Audio
KVM Cables



Material:

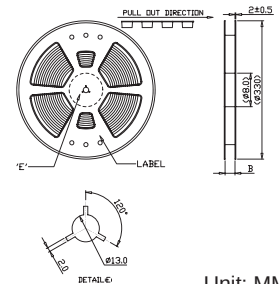
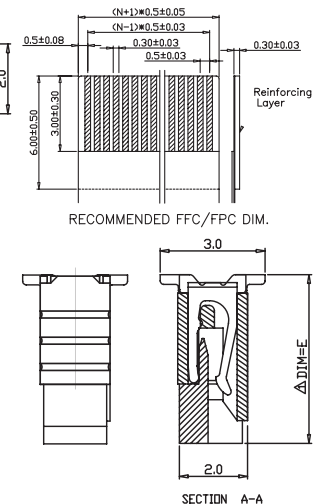
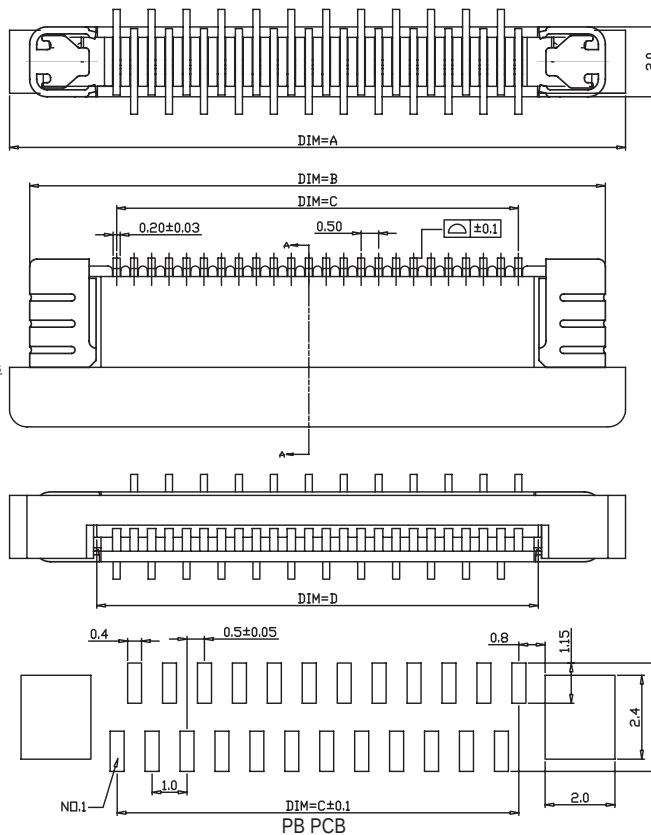
Housing & Slider: Thermoplastic (UL94V-0)
Terminal: Phosphor Bronze
Fitting Nail: Phosphor Bronze Tin plated
Zero Insertion Force rating
Operating Temperature: -25°C~+85°

Electrical:

Current Rating: 0.4A AC/DC
Voltage Rating: 50V AC/DC
Withstanding Voltage: 200V AC/Minute
Contact Resistance: 20MΩ
Insulation Resistance: 500MΩ



**Pin 1
Right Side**



Unit: MM

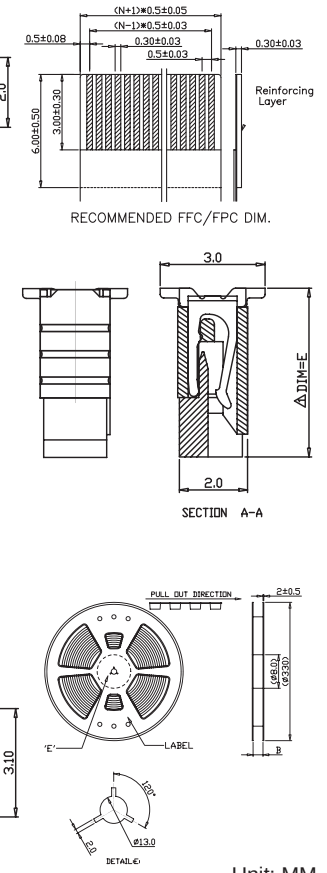
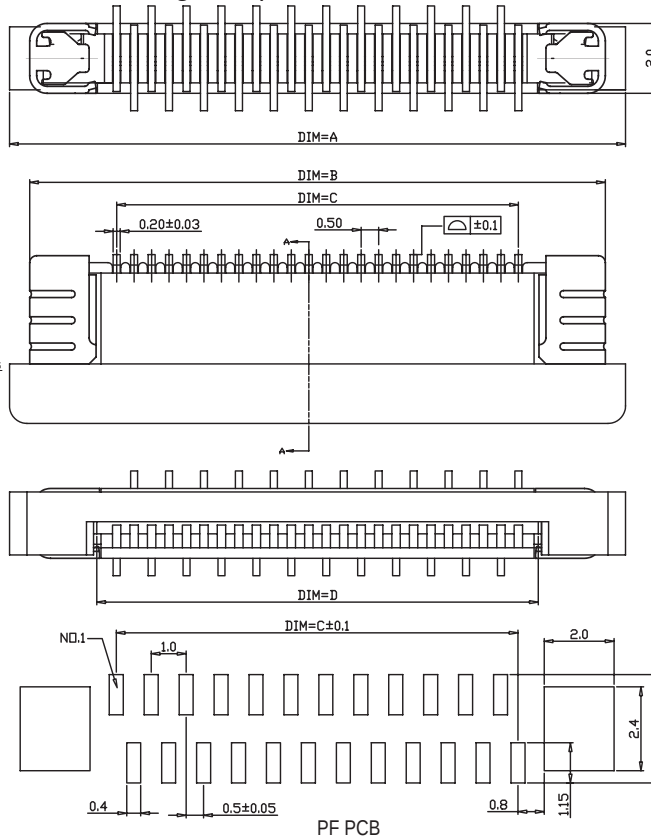
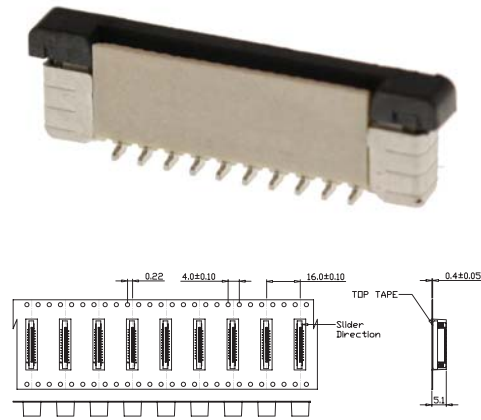
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E
A-FFC0.5A-04-R-x-R	4	7.60	6.50	1.50	2.60	4.40	A-FFC0.5A-33-R-x-R	33	22.10	21.00	16.00	17.10	4.40
A-FFC0.5A-05-R-x-R	5	8.10	6.50	2.00	3.10	4.40	A-FFC0.5A-34-R-x-R	34	22.60	21.50	16.50	17.60	4.40
A-FFC0.5A-06-R-x-R	6	8.60	7.00	2.50	3.60	4.40	A-FFC0.5A-35-R-x-R	35	23.10	22.00	17.00	18.10	4.90
A-FFC0.5A-07-R-x-R	7	9.10	7.50	3.00	4.10	4.40	A-FFC0.5A-36-R-x-R	36	23.60	22.50	17.50	18.60	4.90
A-FFC0.5A-08-R-x-R	8	9.60	8.00	3.50	4.60	4.40	A-FFC0.5A-37-R-x-R	37	24.10	23.00	18.00	19.10	4.90
A-FFC0.5A-09-R-x-R	9	10.10	8.50	4.00	5.10	4.40	A-FFC0.5A-38-R-x-R	38	24.60	23.50	18.50	19.60	4.90
A-FFC0.5A-10-R-x-R	10	10.60	9.00	4.50	5.60	4.40	A-FFC0.5A-39-R-x-R	39	25.10	24.00	19.00	20.10	4.90
A-FFC0.5A-11-R-x-R	11	11.10	9.50	5.00	6.10	4.40	A-FFC0.5A-40-R-x-R	40	25.60	24.50	19.50	20.60	4.90
A-FFC0.5A-12-R-x-R	12	11.60	10.00	5.50	6.60	4.40	A-FFC0.5A-41-R-x-R	41	26.10	25.00	20.00	21.10	4.90
A-FFC0.5A-13-R-x-R	13	12.10	10.50	6.00	7.10	4.40	A-FFC0.5A-42-R-x-R	42	26.60	25.50	20.50	21.60	4.90
A-FFC0.5A-14-R-x-R	14	12.60	11.00	6.50	7.60	4.40	A-FFC0.5A-43-R-x-R	43	27.10	26.00	21.00	22.10	4.90
A-FFC0.5A-15-R-x-R	15	13.10	11.50	7.00	8.10	4.40	A-FFC0.5A-44-R-x-R	44	27.60	26.50	21.50	22.60	4.90
A-FFC0.5A-16-R-x-R	16	13.60	12.00	7.50	8.60	4.40	A-FFC0.5A-45-R-x-R	45	28.10	27.00	22.00	23.10	4.90
A-FFC0.5A-17-R-x-R	17	14.10	12.50	8.00	9.10	4.40	A-FFC0.5A-46-R-x-R	46	28.60	27.50	22.50	23.60	4.90
A-FFC0.5A-18-R-x-R	18	14.60	13.00	8.50	9.60	4.40	A-FFC0.5A-47-R-x-R	47	29.10	28.00	23.00	24.10	4.90
A-FFC0.5A-19-R-x-R	19	15.10	13.50	9.00	10.10	4.40	A-FFC0.5A-48-R-x-R	48	29.60	28.50	23.50	24.60	4.90
A-FFC0.5A-20-R-x-R	20	15.60	14.00	9.50	10.60	4.40	A-FFC0.5A-49-R-x-R	49	30.10	29.00	24.00	25.10	4.90
A-FFC0.5A-21-R-x-R	21	16.10	14.50	10.00	11.10	4.40	A-FFC0.5A-50-R-x-R	50	30.60	29.50	24.50	25.60	4.90
A-FFC0.5A-22-R-x-R	22	16.60	15.00	10.50	11.60	4.40	A-FFC0.5A-51-R-x-R	51	31.10	30.00	25.00	26.10	4.90
A-FFC0.5A-23-R-x-R	23	17.10	15.50	11.00	12.10	4.40	A-FFC0.5A-52-R-x-R	52	31.60	30.50	25.50	26.60	4.90
A-FFC0.5A-24-R-x-R	24	17.60	16.00	11.50	12.60	4.40	A-FFC0.5A-53-R-x-R	53	32.10	31.00	26.00	27.10	4.90
A-FFC0.5A-25-R-x-R	25	18.10	16.50	12.00	13.10	4.40	A-FFC0.5A-54-R-x-R	54	32.60	31.50	26.50	27.60	4.90
A-FFC0.5A-26-R-x-R	26	18.60	17.00	12.50	13.60	4.40	A-FFC0.5A-55-R-x-R	55	33.10	32.00	27.00	28.10	4.90
A-FFC0.5A-27-R-x-R	27	19.10	17.50	13.00	14.10	4.40	A-FFC0.5A-56-R-x-R	56	33.60	32.50	27.50	28.60	4.90
A-FFC0.5A-28-R-x-R	28	19.60	18.00	13.50	14.60	4.40	A-FFC0.5A-57-R-x-R	57	34.10	33.00	28.00	29.10	4.90
A-FFC0.5A-29-R-x-R	29	20.10	18.50	14.00	15.10	4.40	A-FFC0.5A-58-R-x-R	58	34.60	33.50	28.50	29.60	4.90
A-FFC0.5A-30-R-x-R	30	20.60	19.00	14.50	15.60	4.40	A-FFC0.5A-59-R-x-R	59	35.10	34.00	29.00	30.10	4.90
A-FFC0.5A-31-R-x-R	31	21.10	19.50	15.00	16.10	4.40	A-FFC0.5A-60-R-x-R	60	35.60	34.50	29.50	30.60	4.90
A-FFC0.5A-32-R-x-R	32	21.60	20.00	15.50	16.60	4.40							

x = Packaging T-Tube | R-Tape & Reel

Post Interlocking set - 0.5MM Pitch,

FFC/FPC Connector, SMT, Vertical Left Side Mounting 4-60 pins



Material:

Housing & Slider: Thermoplastic (UL94V-0)
Terminal: Phosphor Bronze
Fitting Nail: Phosphor Bronze Tin plated
Zero Insertion Force rating
Operating Temperature: -25°C~+85°

Electrical:

Current Rating: 0.4A AC/DC
Voltage Rating: 50V AC/DC
Withstanding Voltage: 200V AC/Minute
Contact Resistance: 20MΩ
Insulation Resistance: 500MΩ

**Pin 1
Left Side**



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E
A-FFC0.5A-04-L-x-R	4	7.60	6.50	1.50	2.60	4.40	A-FFC0.5A-33-L-x-R	33	22.10	21.00	16.00	17.10	4.40
A-FFC0.5A-05-L-x-R	5	8.10	6.50	2.00	3.10	4.40	A-FFC0.5A-34-L-x-R	34	22.60	21.50	16.50	17.60	4.40
A-FFC0.5A-06-L-x-R	6	8.60	7.00	2.50	3.60	4.40	A-FFC0.5A-35-L-x-R	35	23.10	22.00	17.00	18.10	4.90
A-FFC0.5A-07-L-x-R	7	9.10	7.50	3.00	4.10	4.40	A-FFC0.5A-36-L-x-R	36	23.60	22.50	17.50	18.60	4.90
A-FFC0.5A-08-L-x-R	8	9.60	8.00	3.50	4.60	4.40	A-FFC0.5A-37-L-x-R	37	24.10	23.00	18.00	19.10	4.90
A-FFC0.5A-09-L-x-R	9	10.10	8.50	4.00	5.10	4.40	A-FFC0.5A-38-L-x-R	38	24.60	23.50	18.50	19.60	4.90
A-FFC0.5A-10-L-x-R	10	10.60	9.00	4.50	5.60	4.40	A-FFC0.5A-39-L-x-R	39	25.10	24.00	19.00	20.10	4.90
A-FFC0.5A-11-L-x-R	11	11.10	9.50	5.00	6.10	4.40	A-FFC0.5A-40-L-x-R	40	25.60	24.50	19.50	20.60	4.90
A-FFC0.5A-12-L-x-R	12	11.60	10.00	5.50	6.60	4.40	A-FFC0.5A-41-L-x-R	41	26.10	25.00	20.00	21.10	4.90
A-FFC0.5A-13-L-x-R	13	12.10	10.50	6.00	7.10	4.40	A-FFC0.5A-42-L-x-R	42	26.60	25.50	20.50	21.60	4.90
A-FFC0.5A-14-L-x-R	14	12.60	11.00	6.50	7.60	4.40	A-FFC0.5A-43-L-x-R	43	27.10	26.00	21.00	22.10	4.90
A-FFC0.5A-15-L-x-R	15	13.10	11.50	7.00	8.10	4.40	A-FFC0.5A-44-L-x-R	44	27.60	26.50	21.50	22.60	4.90
A-FFC0.5A-16-L-x-R	16	13.60	12.00	7.50	8.60	4.40	A-FFC0.5A-45-L-x-R	45	28.10	27.00	22.00	23.10	4.90
A-FFC0.5A-17-L-x-R	17	14.10	12.50	8.00	9.10	4.40	A-FFC0.5A-46-L-x-R	46	28.60	27.50	22.50	23.60	4.90
A-FFC0.5A-18-L-x-R	18	14.60	13.00	8.50	9.60	4.40	A-FFC0.5A-47-L-x-R	47	29.10	28.00	23.00	24.10	4.90
A-FFC0.5A-19-L-x-R	19	15.10	13.50	9.00	10.10	4.40	A-FFC0.5A-48-L-x-R	48	29.60	28.50	23.50	24.60	4.90
A-FFC0.5A-20-L-x-R	20	15.60	14.00	9.50	10.60	4.40	A-FFC0.5A-49-L-x-R	49	30.10	29.00	24.00	25.10	4.90
A-FFC0.5A-21-L-x-R	21	16.10	14.50	10.00	11.10	4.40	A-FFC0.5A-50-L-x-R	50	30.60	29.50	24.50	25.60	4.90
A-FFC0.5A-22-L-x-R	22	16.60	15.00	10.50	11.60	4.40	A-FFC0.5A-51-L-x-R	51	31.10	30.00	25.00	26.10	4.90
A-FFC0.5A-23-L-x-R	23	17.10	15.50	11.00	12.10	4.40	A-FFC0.5A-52-L-x-R	52	31.60	30.50	25.50	26.60	4.90
A-FFC0.5A-24-L-x-R	24	17.60	16.00	11.50	12.60	4.40	A-FFC0.5A-53-L-x-R	53	32.10	31.00	26.00	27.10	4.90
A-FFC0.5A-25-L-x-R	25	18.10	16.50	12.00	13.10	4.40	A-FFC0.5A-54-L-x-R	54	32.60	31.50	26.50	27.60	4.90
A-FFC0.5A-26-L-x-R	26	18.60	17.00	12.50	13.60	4.40	A-FFC0.5A-55-L-x-R	55	33.10	32.00	27.00	28.10	4.90
A-FFC0.5A-27-L-x-R	27	19.10	17.50	13.00	14.10	4.40	A-FFC0.5A-56-L-x-R	56	33.60	32.50	27.50	28.60	4.90
A-FFC0.5A-28-L-x-R	28	19.60	18.00	13.50	14.60	4.40	A-FFC0.5A-57-L-x-R	57	34.10	33.00	28.00	29.10	4.90
A-FFC0.5A-29-L-x-R	29	20.10	18.50	14.00	15.10	4.40	A-FFC0.5A-58-L-x-R	58	34.60	33.50	28.50	29.60	4.90
A-FFC0.5A-30-L-x-R	30	20.60	19.00	14.50	15.60	4.40	A-FFC0.5A-59-L-x-R	59	35.10	34.00	29.00	30.10	4.90
A-FFC0.5A-31-L-x-R	31	21.10	19.50	15.00	16.10	4.40	A-FFC0.5A-60-L-x-R	60	35.60	34.50	29.50	30.60	4.90
A-FFC0.5A-32-L-x-R	32	21.60	20.00	15.50	16.60	4.40							

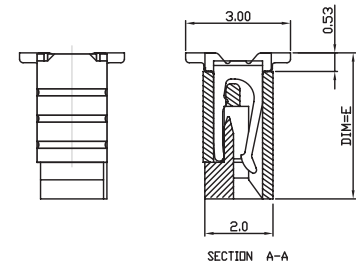
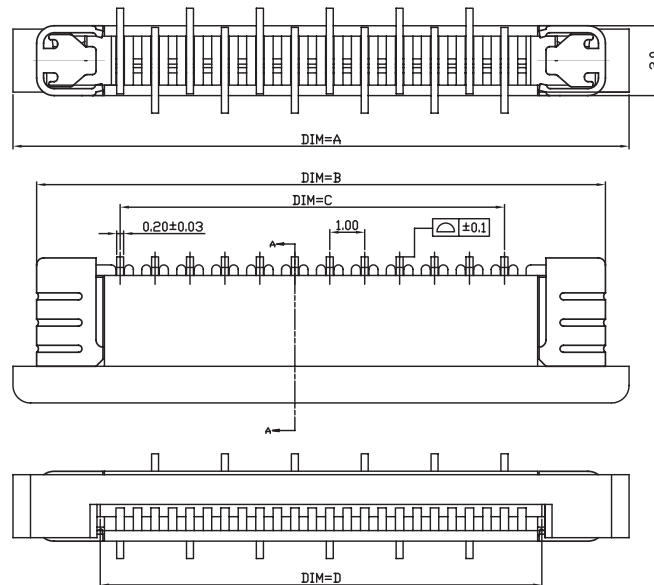
x = Packaging T-Tube | R-Tape & Reel

USB & IEEE
IDC & Flat Ribbon
IC, PLCC, Pin & Jumpers
DSub & Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA & eSATA
FFC/FPC
MiniDIN & Audio
KVM Cables

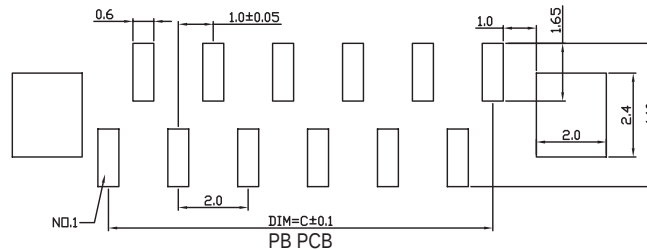
Post Interlocking set - 1.0MM Pitch,

FFC/FPC Connector, SMT, Vertical Right Side Mounting 4-29 pins

USB & IEEE
IDC &
Flat Ribbon
& Jumper
IC, PLCC, Pin
Centronics
DSUB &
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA &
eSATA
FFC/FPC
MiniDIN &
Audio
KVM Cables



Pin 1 Right Side

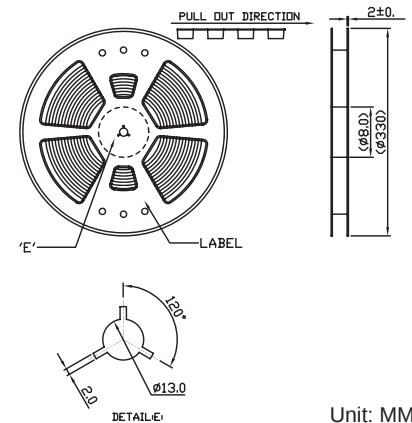
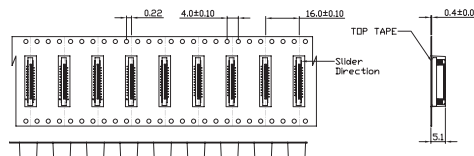


Material:

Housing & Slider: Thermoplastic (UL94V-0)
Terminal: Phosphor Bronze Tin-Le
Fitting Nail: Brass Tin plated
Zero Insertion Force rating
Operating Temperature: -25°C~+85°

Electrical:

Current Rating: 0.5AAC/DC
Voltage Rating: 50V AC/DC
Withstanding Voltage: 500V AC/Minute
Contact Resistance: 20MΩ
Insulation Resistance: 800MΩ



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

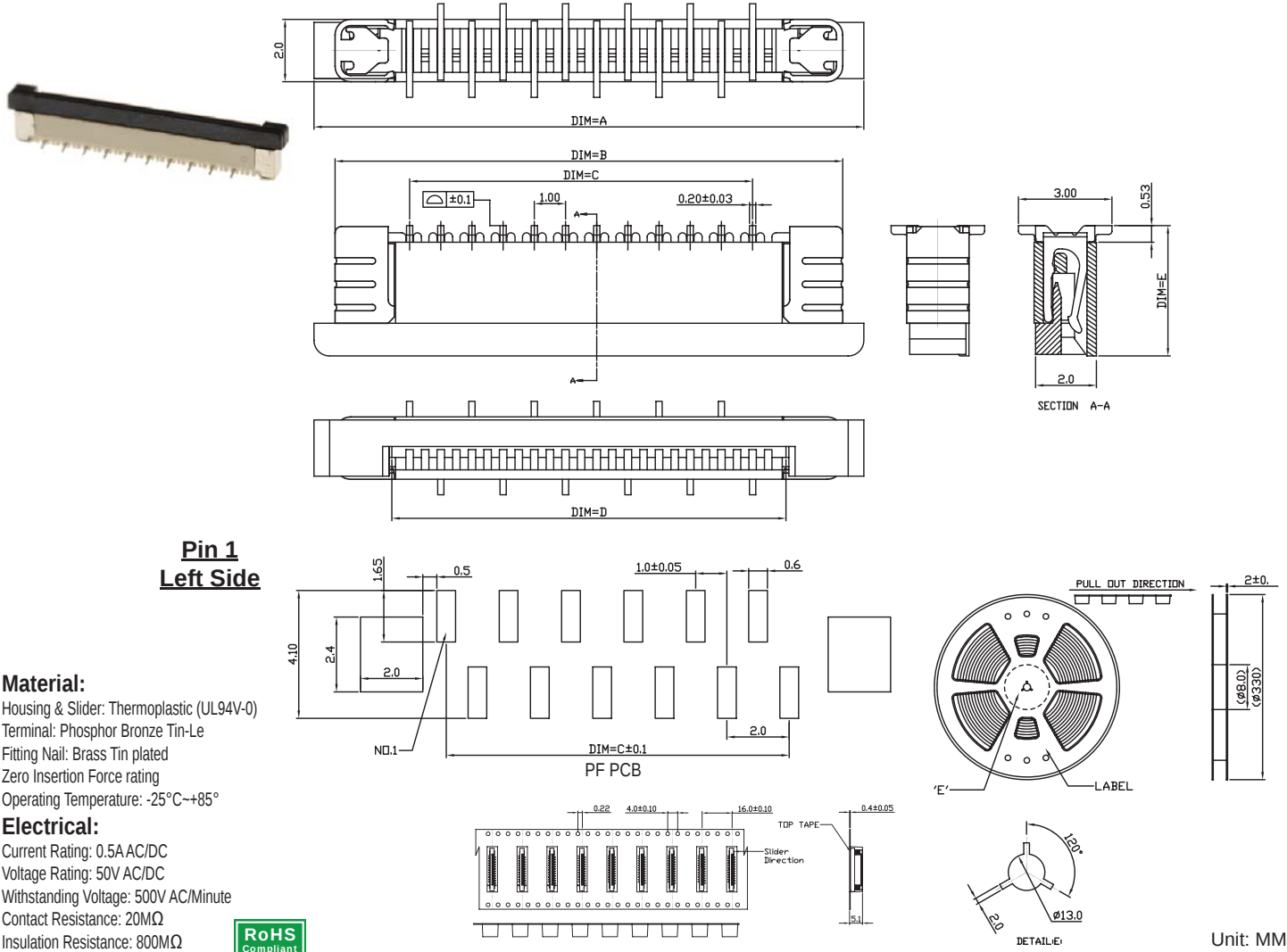
Unit: MM

Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E
A-FFC1.0H-04-R-x-R	4	10.10	9.00	4.00	5.10	4.40	A-FFC1.0H-17-R-x-R	17	23.10	22.00	17.00	18.10	4.90
A-FFC1.0H-05-R-x-R	5	11.10	10.00	5.00	6.10	4.40	A-FFC1.0H-18-R-x-R	18	24.10	23.00	18.00	19.10	4.90
A-FFC1.0H-06-R-x-R	6	12.10	11.00	6.00	7.10	4.40	A-FFC1.0H-19-R-x-R	19	25.10	24.00	19.00	20.10	4.90
A-FFC1.0H-07-R-x-R	7	13.10	12.00	7.00	8.10	4.40	A-FFC1.0H-20-R-x-R	20	26.10	25.00	20.00	21.10	4.90
A-FFC1.0H-08-R-x-R	8	14.10	13.00	8.00	9.10	4.40	A-FFC1.0H-21-R-x-R	21	27.10	26.00	21.00	22.10	4.90
A-FFC1.0H-09-R-x-R	9	15.10	14.00	9.00	10.10	4.40	A-FFC1.0H-22-R-x-R	22	28.10	27.00	22.00	23.10	4.90
A-FFC1.0H-10-R-x-R	10	16.10	15.00	10.00	11.10	4.40	A-FFC1.0H-23-R-x-R	23	29.10	28.00	23.00	24.10	4.90
A-FFC1.0H-11-R-x-R	11	17.10	16.00	11.00	12.10	4.40	A-FFC1.0H-24-R-x-R	24	30.10	29.00	24.00	25.10	4.90
A-FFC1.0H-12-R-x-R	12	18.10	17.00	12.00	13.10	4.40	A-FFC1.0H-25-R-x-R	25	31.10	30.00	25.00	26.10	4.90
A-FFC1.0H-13-R-x-R	13	19.10	18.00	13.00	14.10	4.40	A-FFC1.0H-26-R-x-R	26	32.10	31.00	26.00	27.10	4.90
A-FFC1.0H-14-R-x-R	14	20.10	19.00	14.00	15.10	4.40	A-FFC1.0H-27-R-x-R	27	33.10	32.00	27.00	28.10	4.90
A-FFC1.0H-15-R-x-R	15	21.10	20.00	15.00	16.10	4.40	A-FFC1.0H-28-R-x-R	28	34.10	33.00	28.00	29.10	4.90
A-FFC1.0H-16-R-x-R	16	22.10	21.00	16.00	17.10	4.40	A-FFC1.0H-29-R-x-R	29	35.10	34.00	29.00	30.10	4.90

x = Packaging T = Tube | R = Tape & Reel

Post Interlocking set - 1.0MM Pitch,

FFC/FPC Connector, SMT, Vertical Left Side Mounting 4-29 pins

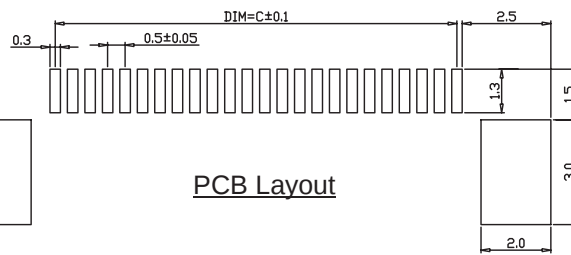
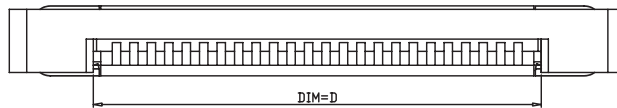
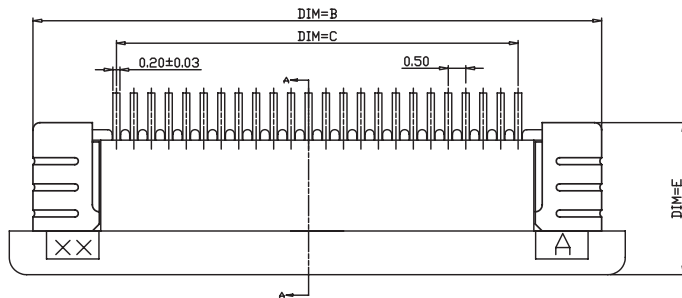
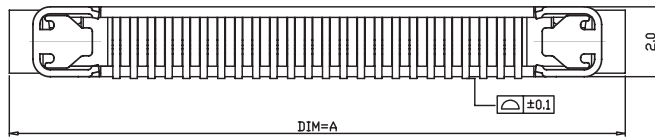
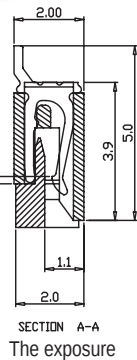
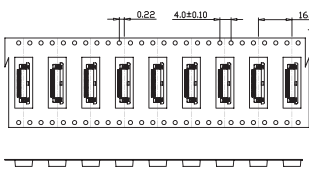


Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E
A-FFC1.0H-04-L-x-R	4	10.10	9.00	4.00	5.10	4.40	A-FFC1.0H-17-L-x-R	17	23.10	22.00	17.00	18.10	4.90
A-FFC1.0H-05-L-x-R	5	11.10	10.00	5.00	6.10	4.40	A-FFC1.0H-18-L-x-R	18	24.10	23.00	18.00	19.10	4.90
A-FFC1.0H-06-L-x-R	6	12.10	11.00	6.00	7.10	4.40	A-FFC1.0H-19-L-x-R	19	25.10	24.00	19.00	20.10	4.90
A-FFC1.0H-07-L-x-R	7	13.10	12.00	7.00	8.10	4.40	A-FFC1.0H-20-L-x-R	20	26.10	25.00	20.00	21.10	4.90
A-FFC1.0H-08-L-x-R	8	14.10	13.00	8.00	9.10	4.40	A-FFC1.0H-21-L-x-R	21	27.10	26.00	21.00	22.10	4.90
A-FFC1.0H-09-L-x-R	9	15.10	14.00	9.00	10.10	4.40	A-FFC1.0H-22-L-x-R	22	28.10	27.00	22.00	23.10	4.90
A-FFC1.0H-10-L-x-R	10	16.10	15.00	10.00	11.10	4.40	A-FFC1.0H-23-L-x-R	23	29.10	28.00	23.00	24.10	4.90
A-FFC1.0H-11-L-x-R	11	17.10	16.00	11.00	12.10	4.40	A-FFC1.0H-24-L-x-R	24	30.10	29.00	24.00	25.10	4.90
A-FFC1.0H-12-L-x-R	12	18.10	17.00	12.00	13.10	4.40	A-FFC1.0H-25-L-x-R	25	31.10	30.00	25.00	26.10	4.90
A-FFC1.0H-13-L-x-R	13	19.10	18.00	13.00	14.10	4.40	A-FFC1.0H-26-L-x-R	26	32.10	31.00	26.00	27.10	4.90
A-FFC1.0H-14-L-x-R	14	20.10	19.00	14.00	15.10	4.40	A-FFC1.0H-27-L-x-R	27	33.10	32.00	27.00	28.10	4.90
A-FFC1.0H-15-L-x-R	15	21.10	20.00	15.00	16.10	4.40	A-FFC1.0H-28-L-x-R	28	34.10	33.00	28.00	29.10	4.90
A-FFC1.0H-16-L-x-R	16	22.10	21.00	16.00	17.10	4.40	A-FFC1.0H-29-L-x-R	29	35.10	34.00	29.00	30.10	4.90

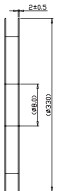
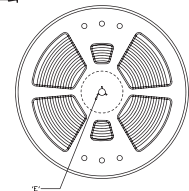
x = Packaging T - Tube | R - Tape & Reel

Pitch Drawer Series - 0.5MM Pitch, FFC/FPC Connector, Top Contact, Push-pull lock, 4-60 pins

USB & IEEE
IDC &
Flat Ribbon
IC, PLCC, Pin
& Jumpers
DSUB &
Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA &
eSATA
FFC/FPC
MiniDIN &
Audio
KVM Cables



PCB Layout

**Material:**

Housing & Slider: Thermoplastic (UL94V-0)

Terminal: Phosphor Bronze

Fitting Nail: Brass Tin plated

Operating Temperature: -25°C~+85°

Electrical:

Current Rating: 0.4AAC/DC

Voltage Rating: 50V AC/DC

Withstanding Voltage: 200V AC/Minute

Contact Resistance: 20MΩ

Insulation Resistance: 500MΩ

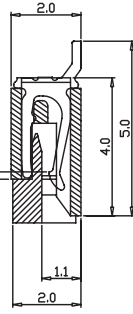
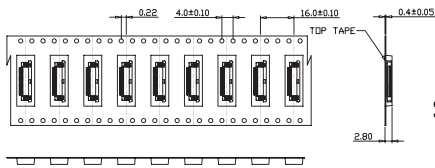


NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

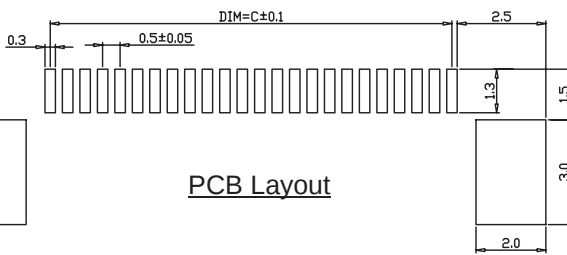
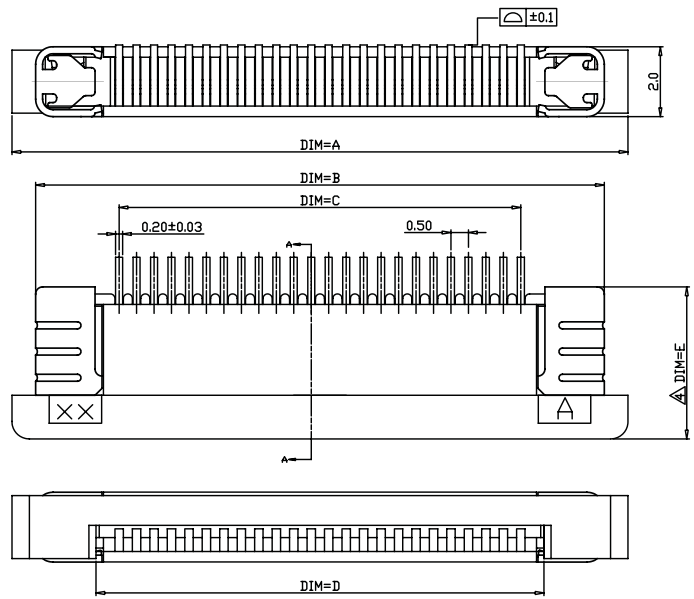
Unit: MM

Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E
A-FFC0.5A-04-A-x-R	4	7.60	6.50	1.50	2.60	4.40	A-FFC0.5A-33-A-x-R	33	22.10	21.00	16.00	17.10	4.40
A-FFC0.5A-05-A-x-R	5	8.10	6.50	2.00	3.10	4.40	A-FFC0.5A-34-A-x-R	34	22.60	21.50	16.50	17.60	4.40
A-FFC0.5A-06-A-x-R	6	8.60	7.00	2.50	3.60	4.40	A-FFC0.5A-35-A-x-R	35	23.10	22.00	17.00	18.10	4.90
A-FFC0.5A-07-A-x-R	7	9.10	7.50	3.00	4.10	4.40	A-FFC0.5A-36-A-x-R	36	23.60	22.50	17.50	18.60	4.90
A-FFC0.5A-08-A-x-R	8	9.60	8.00	3.50	4.60	4.40	A-FFC0.5A-37-A-x-R	37	24.10	23.00	18.00	19.10	4.90
A-FFC0.5A-09-A-x-R	9	10.10	8.50	4.00	5.10	4.40	A-FFC0.5A-38-A-x-R	38	24.60	23.50	18.50	19.60	4.90
A-FFC0.5A-10-A-x-R	10	10.60	9.00	4.50	5.60	4.40	A-FFC0.5A-39-A-x-R	39	25.10	24.00	19.00	20.10	4.90
A-FFC0.5A-11-A-x-R	11	11.10	9.50	5.00	6.10	4.40	A-FFC0.5A-40-A-x-R	40	25.60	24.50	19.50	20.60	4.90
A-FFC0.5A-12-A-x-R	12	11.60	10.00	5.50	6.60	4.40	A-FFC0.5A-41-A-x-R	41	26.10	25.00	20.00	21.10	4.90
A-FFC0.5A-13-A-x-R	13	12.10	10.50	6.00	7.10	4.40	A-FFC0.5A-42-A-x-R	42	26.60	25.50	20.50	21.60	4.90
A-FFC0.5A-14-A-x-R	14	12.60	11.00	6.50	7.60	4.40	A-FFC0.5A-43-A-x-R	43	27.10	26.00	21.00	22.10	4.90
A-FFC0.5A-15-A-x-R	15	13.10	11.50	7.00	8.10	4.40	A-FFC0.5A-44-A-x-R	44	27.60	26.50	21.50	22.60	4.90
A-FFC0.5A-16-A-x-R	16	13.60	12.00	7.50	8.60	4.40	A-FFC0.5A-45-A-x-R	45	28.10	27.00	22.00	23.10	4.90
A-FFC0.5A-17-A-x-R	17	14.10	12.50	8.00	9.10	4.40	A-FFC0.5A-46-A-x-R	46	28.60	27.50	22.50	23.60	4.90
A-FFC0.5A-18-A-x-R	18	14.60	13.00	8.50	9.60	4.40	A-FFC0.5A-47-A-x-R	47	29.10	28.00	23.00	24.10	4.90
A-FFC0.5A-19-A-x-R	19	15.10	13.50	9.00	10.10	4.40	A-FFC0.5A-48-A-x-R	48	29.60	28.50	23.50	24.60	4.90
A-FFC0.5A-20-A-x-R	20	15.60	14.00	9.50	10.60	4.40	A-FFC0.5A-49-A-x-R	49	30.10	29.00	24.00	25.10	4.90
A-FFC0.5A-21-A-x-R	21	16.10	14.50	10.00	11.10	4.40	A-FFC0.5A-50-A-x-R	50	30.60	29.50	24.50	25.60	4.90
A-FFC0.5A-22-A-x-R	22	16.60	15.00	10.50	11.60	4.40	A-FFC0.5A-51-A-x-R	51	31.10	30.00	25.00	26.10	4.90
A-FFC0.5A-23-A-x-R	23	17.10	15.50	11.00	12.10	4.40	A-FFC0.5A-52-A-x-R	52	31.60	30.50	25.50	26.60	4.90
A-FFC0.5A-24-A-x-R	24	17.60	16.00	11.50	12.60	4.40	A-FFC0.5A-53-A-x-R	53	32.10	31.00	26.00	27.10	4.90
A-FFC0.5A-25-A-x-R	25	18.10	16.50	12.00	13.10	4.40	A-FFC0.5A-54-A-x-R	54	32.60	31.50	26.50	27.60	4.90
A-FFC0.5A-26-A-x-R	26	18.60	17.00	12.50	13.60	4.40	A-FFC0.5A-55-A-x-R	55	33.10	32.00	27.00	28.10	4.90
A-FFC0.5A-27-A-x-R	27	19.10	17.50	13.00	14.10	4.40	A-FFC0.5A-56-A-x-R	56	33.60	32.50	27.50	28.60	4.90
A-FFC0.5A-28-A-x-R	28	19.60	18.00	13.50	14.60	4.40	A-FFC0.5A-57-A-x-R	57	34.10	33.00	28.00	29.10	4.90
A-FFC0.5A-29-A-x-R	29	20.10	18.50	14.00	15.10	4.40	A-FFC0.5A-58-A-x-R	58	34.60	33.50	28.50	29.60	4.90
A-FFC0.5A-30-A-x-R	30	20.60	19.00	14.50	15.60	4.40	A-FFC0.5A-59-A-x-R	59	35.10	34.00	29.00	30.10	4.90
A-FFC0.5A-31-A-x-R	31	21.10	19.50	15.00	16.10	4.40	A-FFC0.5A-60-A-x-R	60	35.60	34.50	29.50	30.60	4.90
A-FFC0.5A-32-A-x-R	32	21.60	20.00	15.50	16.60	4.40							

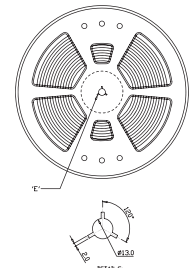
x = Packaging T - Tube | R - Tape & Reel



SECTION A-A
Lower Contact



PCB Layout



Unit: MM

Current Rating: 0.4A AC/DC
Voltage Rating: 50V AC/DC
Withstanding Voltage: 200V AC/Minute
Contact Resistance: 20MΩ
Insulation Resistance: 500MΩ



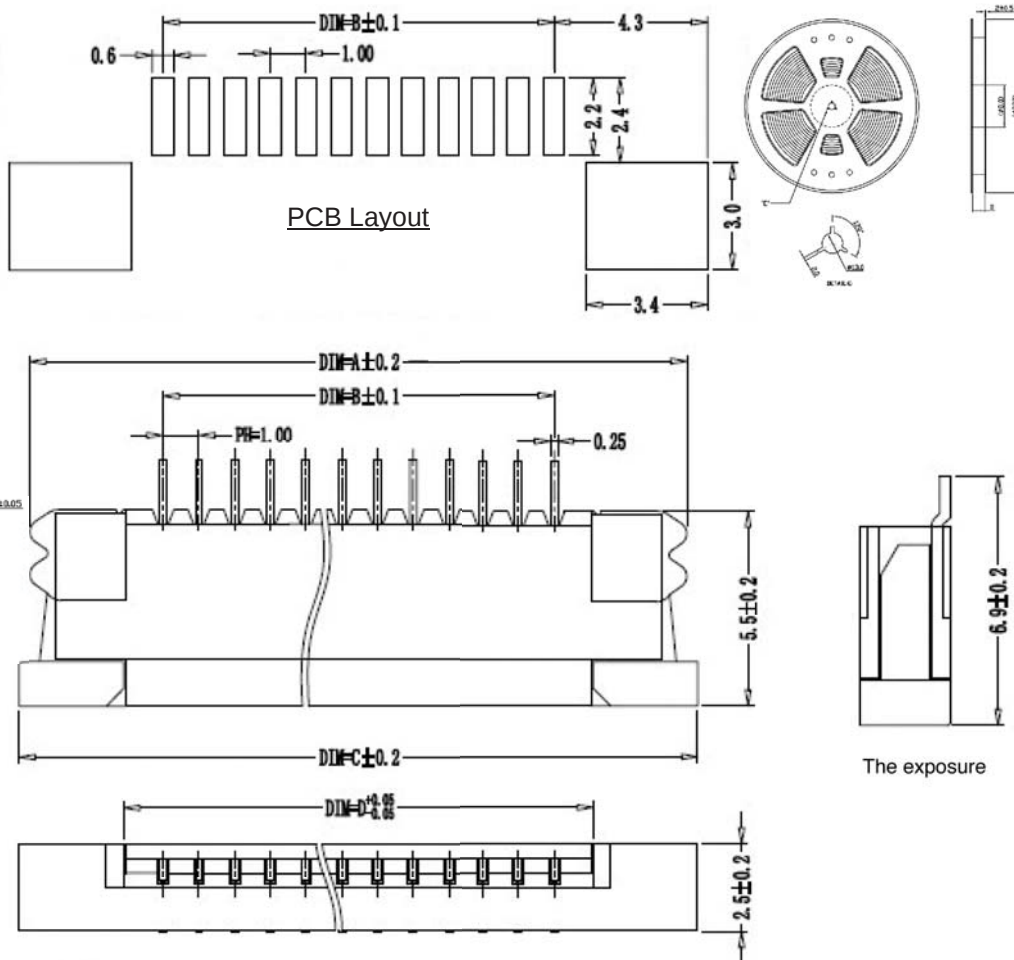
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E
A-FFC0.5A-04-B-x-R	4	7.60	6.50	1.50	2.60	4.40	A-FFC0.5A-33-B-x-R	33	22.10	21.00	16.00	17.10	4.40
A-FFC0.5A-05-B-x-R	5	8.10	6.50	2.00	3.10	4.40	A-FFC0.5A-34-B-x-R	34	22.60	21.50	16.50	17.60	4.40
A-FFC0.5A-06-B-x-R	6	8.60	7.00	2.50	3.60	4.40	A-FFC0.5A-35-B-x-R	35	23.10	22.00	17.00	18.10	4.90
A-FFC0.5A-07-B-x-R	7	9.10	7.50	3.00	4.10	4.40	A-FFC0.5A-36-B-x-R	36	23.60	22.50	17.50	18.60	4.90
A-FFC0.5A-08-B-x-R	8	9.60	8.00	3.50	4.60	4.40	A-FFC0.5A-37-B-x-R	37	24.10	23.00	18.00	19.10	4.90
A-FFC0.5A-09-B-x-R	9	10.10	8.50	4.00	5.10	4.40	A-FFC0.5A-38-B-x-R	38	24.60	23.50	18.50	19.60	4.90
A-FFC0.5A-10-B-x-R	10	10.60	9.00	4.50	5.60	4.40	A-FFC0.5A-39-B-x-R	39	25.10	24.00	19.00	20.10	4.90
A-FFC0.5A-11-B-x-R	11	11.10	9.50	5.00	6.10	4.40	A-FFC0.5A-40-B-x-R	40	25.60	24.50	19.50	20.60	4.90
A-FFC0.5A-12-B-x-R	12	11.60	10.00	5.50	6.60	4.40	A-FFC0.5A-41-B-x-R	41	26.10	25.00	20.00	21.10	4.90
A-FFC0.5A-13-B-x-R	13	12.10	10.50	6.00	7.10	4.40	A-FFC0.5A-42-B-x-R	42	26.60	25.50	20.50	21.60	4.90
A-FFC0.5A-14-B-x-R	14	12.60	11.00	6.50	7.60	4.40	A-FFC0.5A-43-B-x-R	43	27.10	26.00	21.00	22.10	4.90
A-FFC0.5A-15-B-x-R	15	13.10	11.50	7.00	8.10	4.40	A-FFC0.5A-44-B-x-R	44	27.60	26.50	21.50	22.60	4.90
A-FFC0.5A-16-B-x-R	16	13.60	12.00	7.50	8.60	4.40	A-FFC0.5A-45-B-x-R	45	28.10	27.00	22.00	23.10	4.90
A-FFC0.5A-17-B-x-R	17	14.10	12.50	8.00	9.10	4.40	A-FFC0.5A-46-B-x-R	46	28.60	27.50	22.50	23.60	4.90
A-FFC0.5A-18-B-x-R	18	14.60	13.00	8.50	9.60	4.40	A-FFC0.5A-47-B-x-R	47	29.10	28.00	23.00	24.10	4.90
A-FFC0.5A-19-B-x-R	19	15.10	13.50	9.00	10.10	4.40	A-FFC0.5A-48-B-x-R	48	29.60	28.50	23.50	24.60	4.90
A-FFC0.5A-20-B-x-R	20	15.60	14.00	9.50	10.60	4.40	A-FFC0.5A-49-B-x-R	49	30.10	29.00	24.00	25.10	4.90
A-FFC0.5A-21-B-x-R	21	16.10	14.50	10.00	11.10	4.40	A-FFC0.5A-50-B-x-R	50	30.60	29.50	24.50	25.60	4.90
A-FFC0.5A-22-B-x-R	22	16.60	15.00	10.50	11.60	4.40	A-FFC0.5A-51-B-x-R	51	31.10	30.00	25.00	26.10	4.90
A-FFC0.5A-23-B-x-R	23	17.10	15.50	11.00	12.10	4.40	A-FFC0.5A-52-B-x-R	52	31.60	30.50	25.50	26.60	4.90
A-FFC0.5A-24-B-x-R	24	17.60	16.00	11.50	12.60	4.40	A-FFC0.5A-53-B-x-R	53	32.10	31.00	26.00	27.10	4.90
A-FFC0.5A-25-B-x-R	25	18.10	16.50	12.00	13.10	4.40	A-FFC0.5A-54-B-x-R	54	32.60	31.50	26.50	27.60	4.90
A-FFC0.5A-26-B-x-R	26	18.60	17.00	12.50	13.60	4.40	A-FFC0.5A-55-B-x-R	55	33.10	32.00	27.00	28.10	4.90
A-FFC0.5A-27-B-x-R	27	19.10	17.50	13.00	14.10	4.40	A-FFC0.5A-56-B-x-R	56	33.60	32.50	27.50	28.60	4.90
A-FFC0.5A-28-B-x-R	28	19.60	18.00	13.50	14.60	4.40	A-FFC0.5A-57-B-x-R	57	34.10	33.00	28.00	29.10	4.90
A-FFC0.5A-29-B-x-R	29	20.10	18.50	14.00	15.10	4.40	A-FFC0.5A-58-B-x-R	58	34.60	33.50	28.50	29.60	4.90
A-FFC0.5A-30-B-x-R	30	20.60	19.00	14.50	15.60	4.40	A-FFC0.5A-59-B-x-R	59	35.10	34.00	29.00	30.10	4.90
A-FFC0.5A-31-B-x-R	31	21.10	19.50	15.00	16.10	4.40	A-FFC0.5A-60-B-x-R	60	35.60	34.50	29.50	30.60	4.90
A-FFC0.5A-32-B-x-R	32	21.60	20.00	15.50	16.60	4.40	x = Packaging T -Tube R -Tape & Reel						

x = Packaging T -Tube | R -Tape & Reel

FFC/FPC Connector, SMT, Vertical Right Side Mounting, Top Contact, Push-pull lock, 4-30 pins

KVM Cables



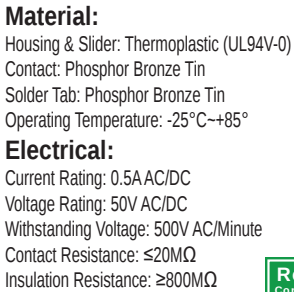
Insulation Resistance: $\geq 800\text{M}\Omega$



W.ASSMANN.US

x = Packaging T -Tube | R -Tape & Reel

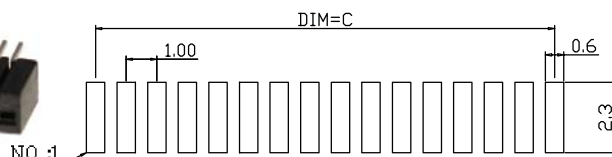
FFC/FPC Connector, SMT, Vertical Right Side Mounting, Bottom Contact, Push-pull lock, 4-30 pins



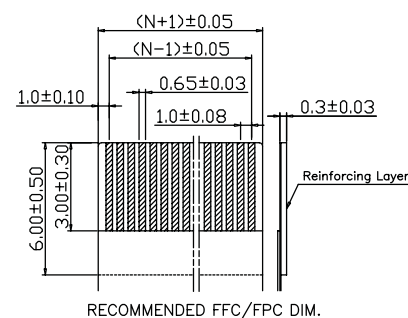
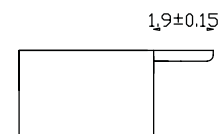
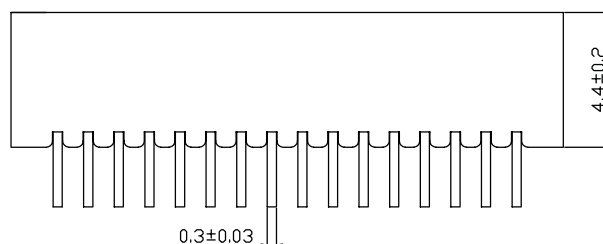
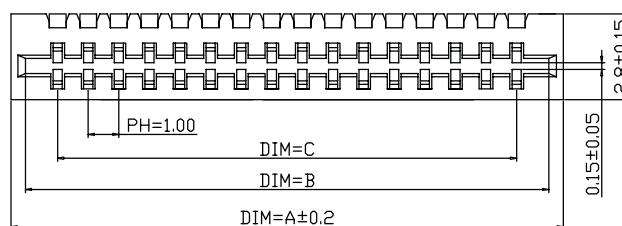
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Unit: MM

x = Packaging T -Tube | R -Tape & Reel

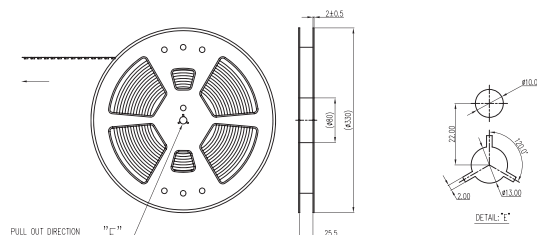


PCB Layout

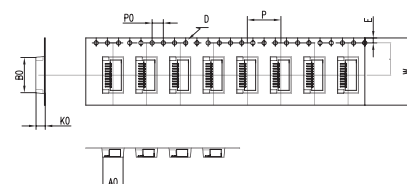


Housing: LCP(UL 94V-0)
Contact: Phosphor Bronze Tin
Low Insertion Force rating
Operating Temperature: -25°C~+85°C

Current Rating: 0.5A AC/DC
Voltage Rating: 50V AC/DC
Withstanding Voltage: 500V AC/Minute
Contact Resistance: $\leq 20\text{m}\Omega$
Insulation Resistance: $\geq 800\text{M}\Omega$



ITEM	W	AO	BO	D	E	F	MO	PO	P2	P
DIAM	24.0	6.90	12.3	1.5	1.75	11.5	3.2	4.0	2.0	12.
TYPE	40.3	+0.38	+0.10	-0.1	+0.1	+0.38	+0.10	+0.1	+0.1	+0.1



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C	Assmann Part Number (Standard Stocking Item)	Pin	Dim. A	Dim. B	Dim. C
A-FFC1.0-04-x-R	4	6.00	5.10	3.00	A-FFC1.0-18-x-R	18	20.00	19.10	17.00
A-FFC1.0-05-x-R	5	7.00	6.10	4.00	A-FFC1.0-19-x-R	19	21.00	20.10	18.00
A-FFC1.0-06-x-R	6	8.00	7.10	5.00	A-FFC1.0-20-x-R	20	22.00	21.10	19.00
A-FFC1.0-07-x-R	7	9.00	8.10	6.00	A-FFC1.0-21-x-R	21	23.00	22.10	20.00
A-FFC1.0-08-x-R	8	10.00	9.10	7.00	A-FFC1.0-22-x-R	22	24.00	23.10	21.00
A-FFC1.0-09-x-R	9	11.00	10.10	8.00	A-FFC1.0-23-x-R	23	25.00	24.10	22.00
A-FFC1.0-10-x-R	10	12.00	11.10	9.00	A-FFC1.0-24-x-R	24	26.00	25.10	23.00
A-FFC1.0-11-x-R	11	13.00	12.10	10.00	A-FFC1.0-25-x-R	25	27.00	26.10	24.00
A-FFC1.0-12-x-R	12	14.00	13.10	11.00	A-FFC1.0-26-x-R	26	28.00	27.10	25.00
A-FFC1.0-13-x-R	13	15.00	14.10	12.00	A-FFC1.0-27-x-R	27	29.00	28.10	26.00
A-FFC1.0-14-x-R	14	16.00	15.10	13.00	A-FFC1.0-28-x-R	28	30.00	29.10	27.00
A-FFC1.0-15-x-R	15	17.00	16.10	14.00	A-FFC1.0-29-x-R	29	31.00	30.10	28.00
A-FFC1.0-16-x-R	16	18.00	17.10	15.00	A-FFC1.0-30-x-R	30	32.00	31.10	29.00
A-FFC1.0-17-x-R	17	19.00	18.10	16.00	x = Packaging T -Tube R -Tape & Reel				

x = Packaging T -Tube | R -Tape & Reel