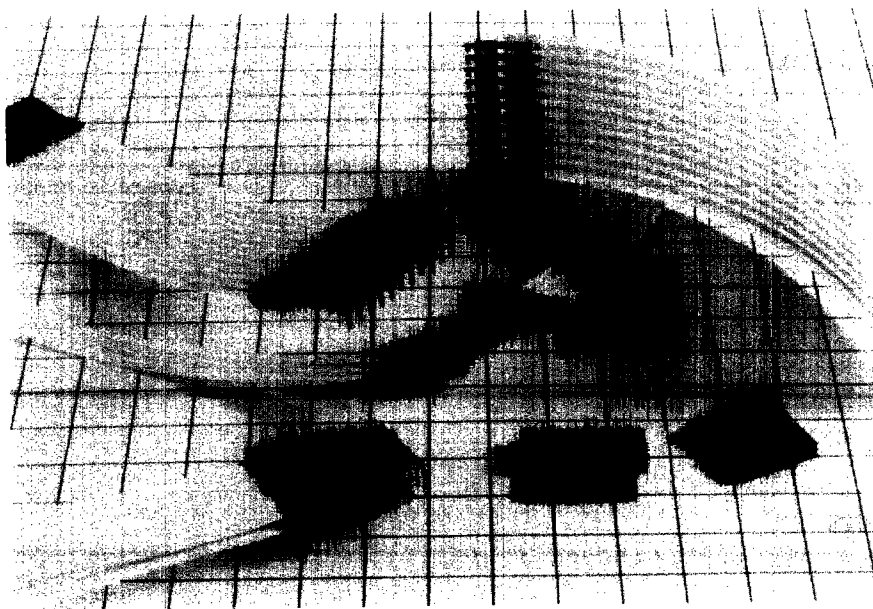


A1, A2 SERIES 2.54mm FFC/FPC IDC CONNECTORS

Scope

A1, A2 connectors are 2.54 mm pitch IDC connector for FFC/FPC. This series Connector mates with A2 straight and right angle header. Also mates with A1 header by stacking 2 pieces socket connectors.



Features

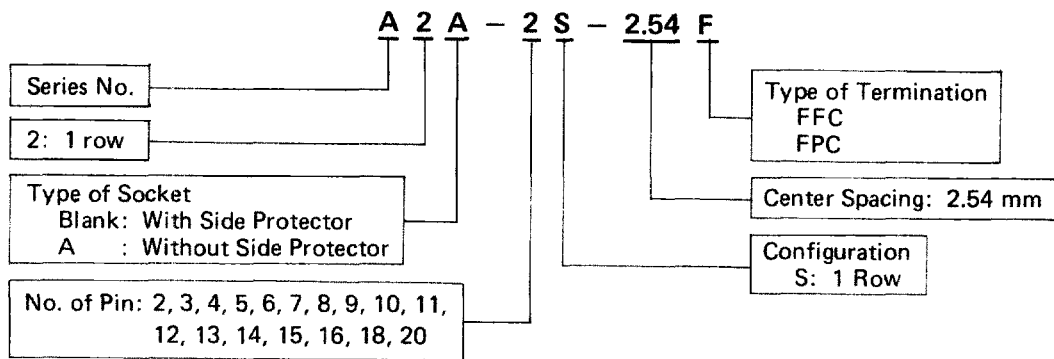
1. IDC type for FFC/FPC.
2. Insulation material is 66-Nylon UL94V-0.
3. IDC contacts assures positive and reliable termination.
4. Increases PCB density.
5. Side Protector available for A2 type.
6. Auto Machine available for IDC termination.
7. Low cost products.

Application

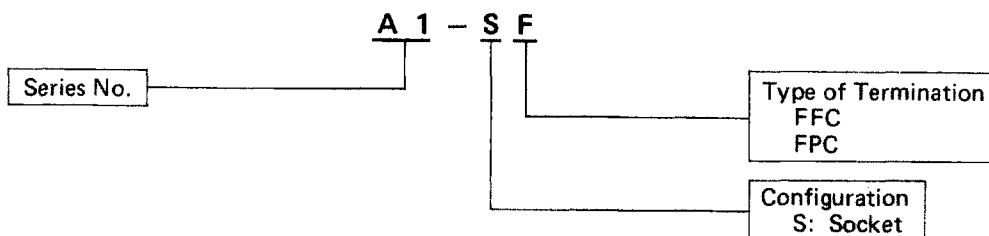
Pinter, FDD, HDD, Robot, FPC Module, Membrane Switches.

Ordering Information

• Socket



• IDC Contact



Specifications

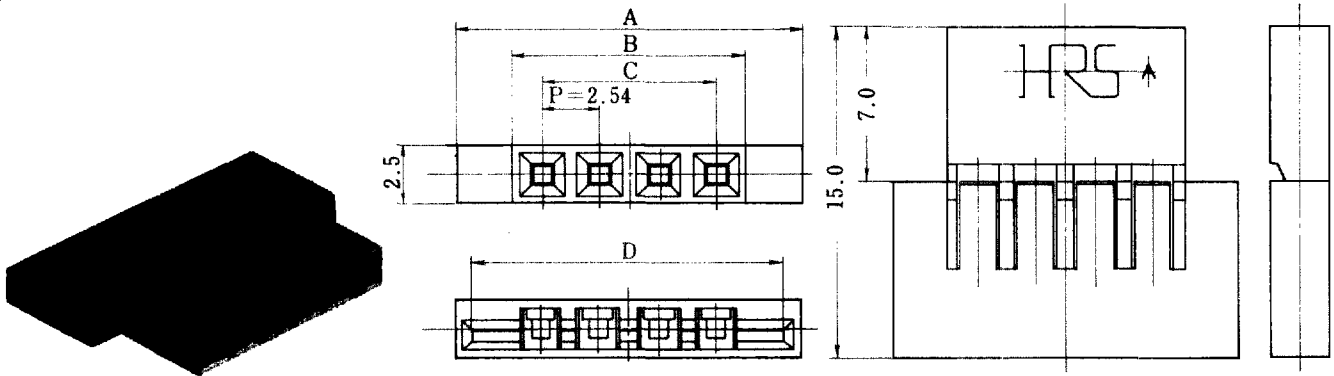
Item	Condition	Specification
Current Rating		2A*
Voltage		AC 250V*
Insulation Resistance	at DC 500V	Min. 1000M
Withstanding Voltage	at specified value	AC 650Vr.m.s.
Contact Resistance	at DC 100m	Max. 20 m

* The stanadrd values of the current rating and voltage vary by the connected cable.

Materials

Item	Material	Finish	Remarks
Socket	Poly-amid resin	Black	UL94V-0
Contact	Phosphor Bronze	Selective gold plating	

Socket with Side Protector

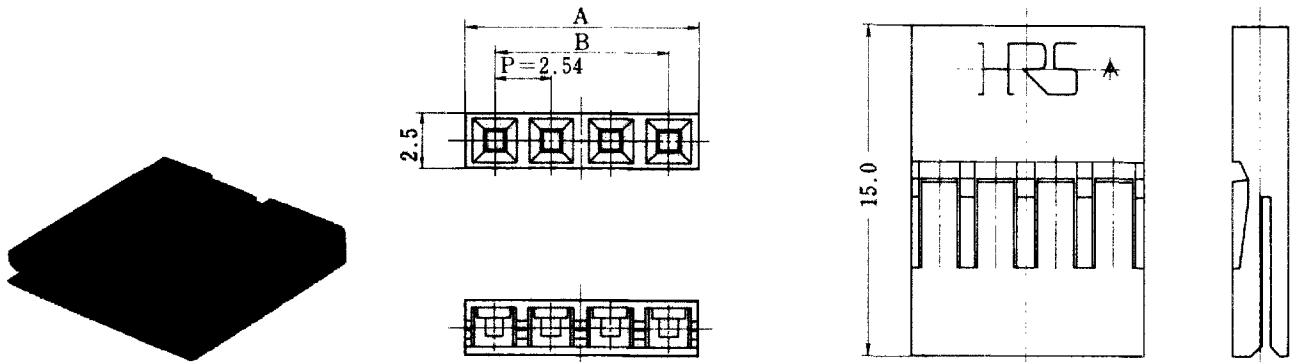


						mm					
Part No.	No. of Pin	A	B	C	D	Part No.	No. of Pin	A	B	C	D
* A2- 2S-2.54F	2	10.14	5.08	2.54	8.64	A2-12S-2.54F	12	35.54	30.48	27.94	34.04
A2- 3S-2.54F	3	12.68	7.62	5.08	11.18	A2-13S-2.54F	13	38.08	33.02	30.48	36.58
* A2- 4S-2.54F	14	15.22	10.16	7.62	13.72	A2-14S-2.54F	14	40.62	35.56	33.02	39.12
A2- 5S-2.54F	5	17.76	12.70	10.16	16.26	A2-15S-2.54F	15	43.16	38.10	35.56	41.66
* A2- 6S-2.54F	6	20.30	15.24	12.70	18.80	A2-16S-2.54F	16	45.70	40.64	38.10	44.20
A2- 7S-2.54F	7	22.84	17.78	15.24	21.34						
A2- 8S-2.54F	8	25.38	20.32	17.78	23.88	* A2-18S-2.54F	18	50.78	45.72	43.18	49.28
A2- 9S-2.54F	9	27.92	22.86	20.32	26.42						
A2-10S-2.54F	10	30.46	25.40	22.86	28.96	A2-20S-2.54F	20	55.86	50.80	48.26	54.36
* A2-11S-2.54F	11	33.00	27.94	25.40	31.50						

* Note: Items without asterisk are not available yet.

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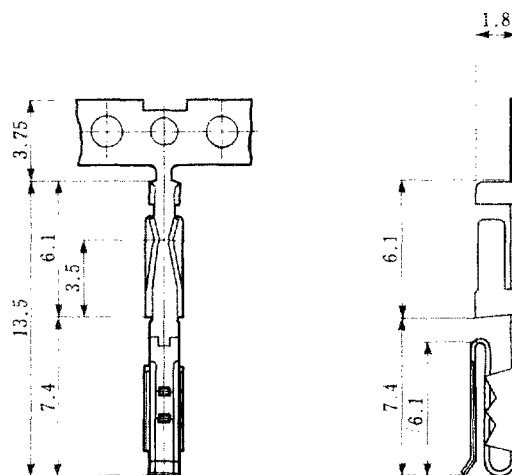
Socket without Side Protector



				mm			
Part No.	No. of Pin	A	B	Part No.	No. of Pin	A	B
* A2A-2S-2.54F	2	5.08	2.54	A2A-12S-2.54F	12	30.48	27.94
A2A-3S-2.54F	3	7.62	5.08	A2A-13S-2.54F	13	33.02	30.48
* A2A-4S-2.54F	4	10.16	7.62	A2A-14S-2.54F	14	35.56	33.02
A2A-5S-2.54F	5	12.70	10.16	A2A-15S-2.54F	15	38.10	35.56
* A2A-6S-2.54F	6	15.24	12.70	A2A-16S-2.54F	16	40.64	38.10
A2A-7S-2.54F	7	17.78	15.24				
A2A-8S-2.54F	8	20.32	17.78	* A2A-18S-2.54F	18	45.72	43.18
A2A-9S-2.54F	9	22.86	20.32				
A2A-10S-2.54F	10	25.40	22.86	A2A-20S-2.54F	20	50.80	48.26
* A2A-11S-2.54F	11	27.94	25.40	* Note: Items without asterisk are not available			

* Note: Items without asterisk are not available yet.

IDC Contact



- Note 1: Gold plating (Mating area)
 Solder plating (Terminating area)
 Nickel plating (Other area)
- Note 2: Applicable FFC/FPC: Thickness = 0.1 ~ 0.35 mm
 Contact HIROSE for additional information.

Part No.	Type
A1-SF	Chain

Chain on reels of 10,000 pieces.

Auto Machine

