



SignalBee™

**Wire-to-Board, Wire-to-Wire
Signal Connection**



Hirose responds to a wide range of customer's needs
with small precision connector technology.

HRS
HIROSE ELECTRIC CO., LTD.



Versatility
Reliability
Variation

With Hirose, you always play the winning hand.



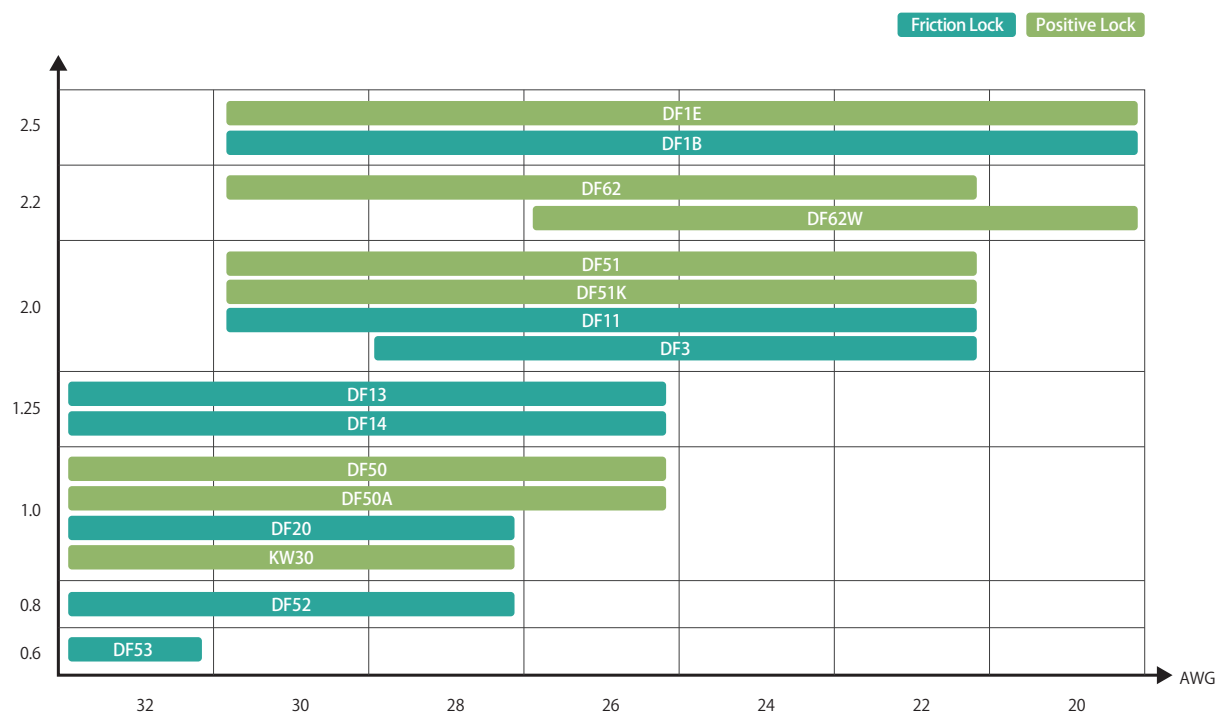
SignalBee, a sister brand to our power cable brand EnerBee, specializes in signal cable connectors. It incorporates the concept of “compact size with high-end performance.”

A wide variety of configurations ensure the best solutions for user application requirements. SignalBee delivers powerful performance across many fields, including industrial machinery, and is known for its exceptional product quality and crimping technology. This expertise is built on extensive know-how in areas such as assembly tool development.

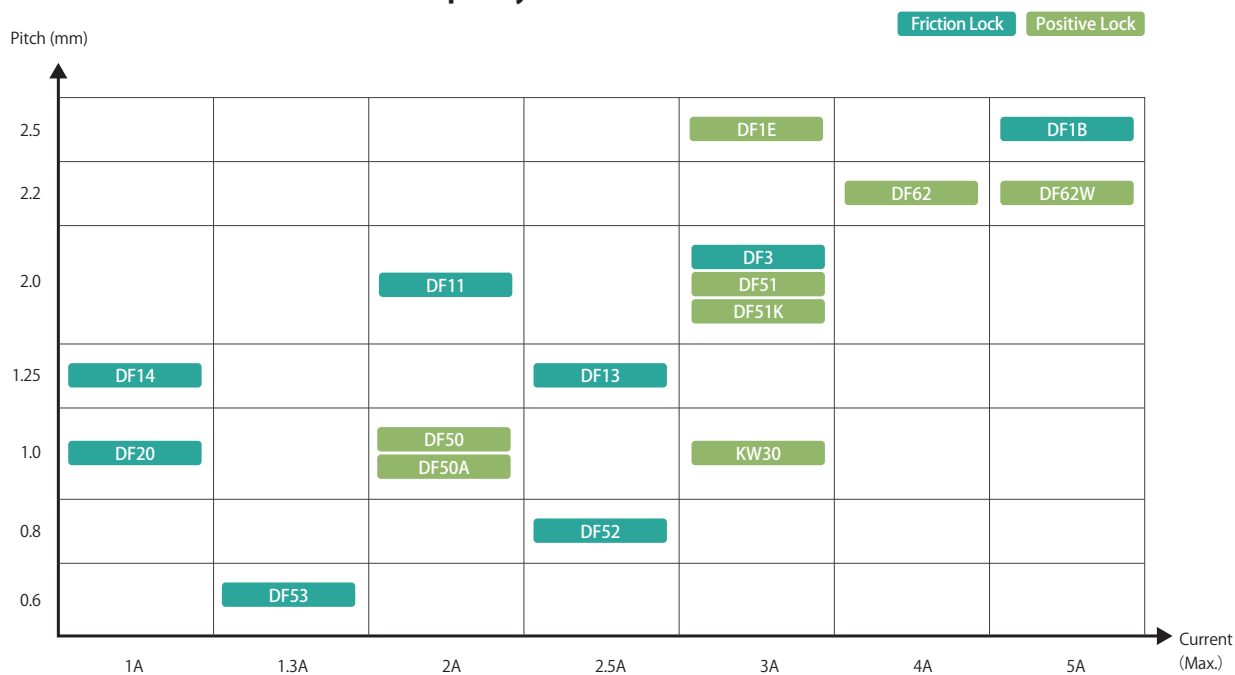
SignalBee offers options that contribute to space savings and reduced assembly labor, making it your best choice for signal cable connectors.

Wide Connector Lineup for Various Applications

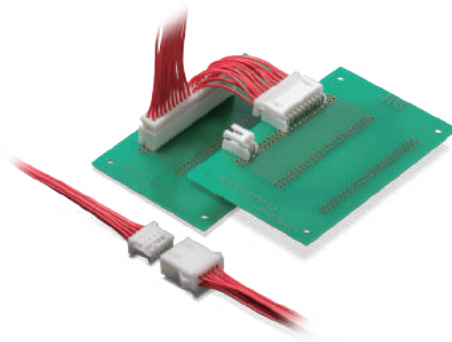
■ Connector Pitch and Applicable Cable Size



■ Connector Pitch and Current Capacity



DF1B Series



2.5mm Pitch, 5A Max.

We offer 'board-to-wire' and 'in-line' configurations in single and double-row contact arrangements. Standard tin and gold plating options are available. The applicable cable size ranges from 20 AWG to 30 AWG, allowing you to select the most suitable item for your design requirements.

Straight

Right Angle

In-Line

Friction Lock

Crimp

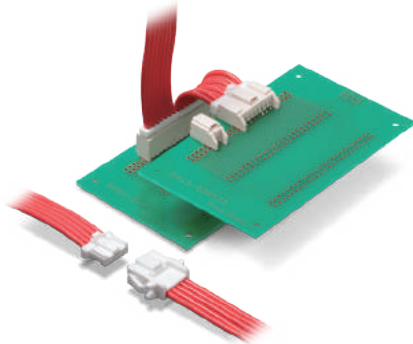
DIP

Tin Gold

Operating Temperature
-35 - 85°C

UL CSA

DF1E Series



2.5mm Pitch, 3A Max.

When the double lock is used, it prevents stress to the cable, increases the crimp contact retention force, and prevents the incomplete insertion of the crimp contact.

The pin header housing is molded in glass enforced resin to prevent solder cracks which can occur due to heat compression.

Straight

Right Angle

In-Line

Positive Lock

Crimp

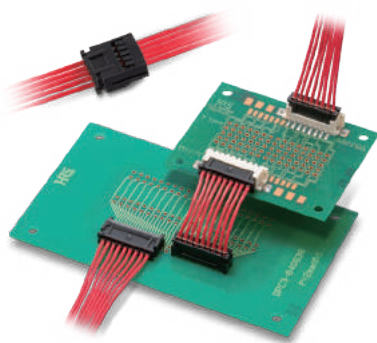
DIP

Tin Gold

Operating Temperature
-35 - 85°C

UL C-UL

DF3 Series



2.0mm Pitch, Single-Row, 3A Max.

Low-profile design, with a mounting height of 7.5mm and in-line plug designed for sufficient contact crimping space, contributes to space-saving in board design.

Straight

Right Angle

In-Line

Friction Lock

Crimp

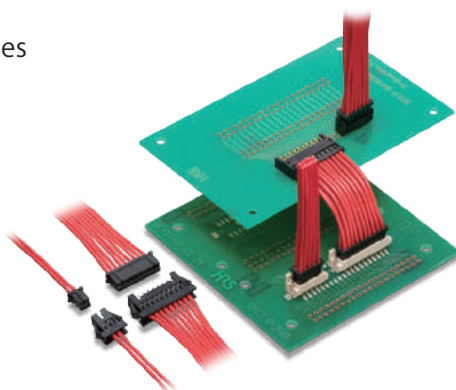
DIP SMT

Tin Gold

Operating Temperature
-55 - 105°C

UL CSA

DF11 Series



2.0mm Pitch, Double-Row 2A Max.

Wire-to-board, in-line, and board-to-board options enhance design flexibility. Additionally, 'gold' or 'tin' plating options are available to suit various applications, including SMT products.

Straight

Right Angle

In-Line

Board-to-Board

Friction Lock

Crimp

DIP SMT

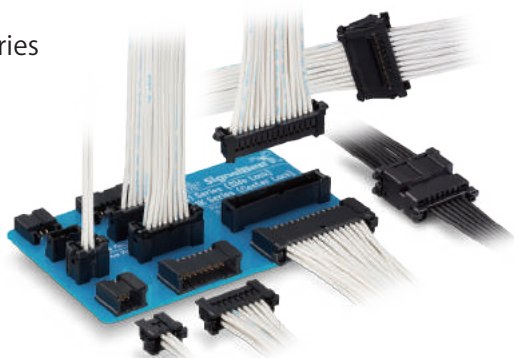
Tin-Gold Thick Gold

Operating Temperature
-30 - 85°C

UL CSA

from 16 Series with Wide Variations

DF51 Series



2.0mm Pitch, 3A Max.

Secure dual side-lock design provides a reliable connection which prevents socket lift due to vibration or cable wrenching. Wide varieties allow design flexibility to meet various needs. Branch type DF51B, which contributes to wire saving, is also available.

Straight

Right Angle

In-Line

Branch

Positive Lock

Potting

Crimp

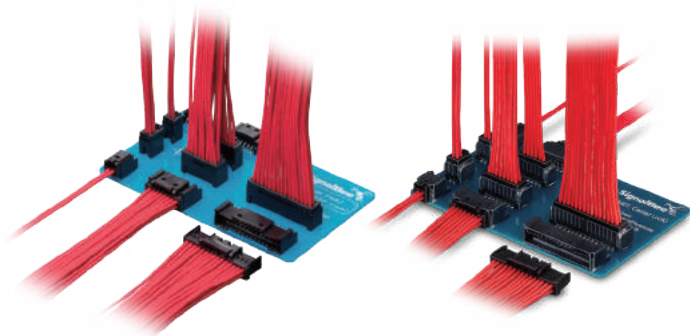
DIP

Tin Gold

Operating Temperature
-55 - 105°C

UL
C-UL

DF51K Series



2.0mm Pitch, 3A Max.

Offers center lock in comparison to DF51 Series. Center lock type is effective for pitch directional high-density mounting on PCB layout.

Straight

Right Angle

Positive Lock

Potting

Crimp

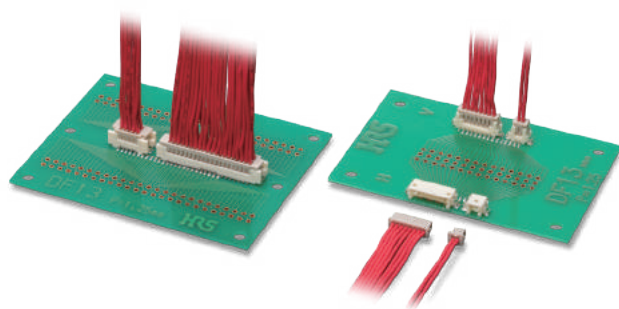
DIP
SMT

Tin Gold

Operating Temperature
-55 - 105°C

UL
U-CL

DF13 Series



1.25mm Pitch, 2.5A Max.

The header is designed in a wrenching-proof box design, and completely prevents mis-insertion. The surface mounting (SMT) header is equipped with the metal solder tabs to prevent solder peeling

Straight

Right Angle

Friction Lock

Crimp

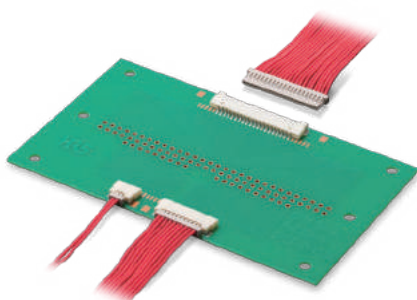
DIP
SMT

Tin Gold

Operating Temperature
-35 - 85°C

UL

DF14 Series



1.25mm Pitch, 1A Max.

Right angle connector that comes in 2.5mm height. Offset type is also available. The header has a four wall design which prevents physical damage on the board side. The metal solder tabs prevent solder peel.

Right Angle

Friction Lock

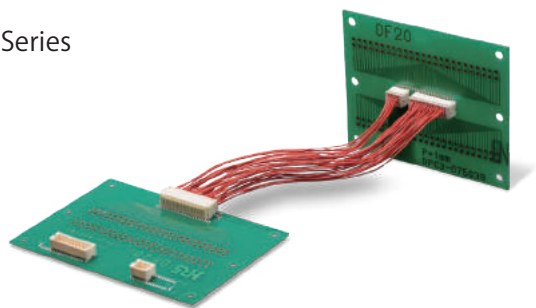
Crimp

SMT

Tin Gold

Operating Temperature
-35 - 85°C

DF20 Series



1.0mm Pitch, 1A Max.

Narrow pitch and low profile design.

Effective electrical connection is assured with a 1.0mm contact wipe. In addition, thin metal solder tabs produce a small-sized outer dimension and high mounting density.

Straight

Right Angle

Friction Lock

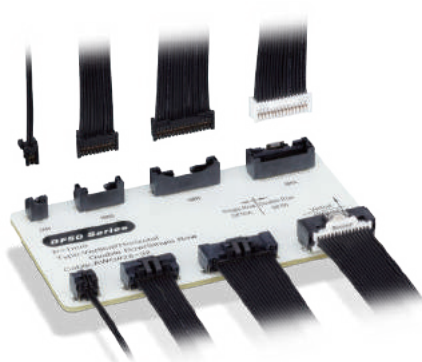
Crimp

SMT

Gold

Operating Temperature
-35 - 85°C

DF50 Series



1.0mm Pitch, 2A Max.

High reliability gold plated, two-point contact design with an effective mating length of 1.0mm.

Thick housing wall and insertion depth protects against unmating.

The connector provides a clear tactile click and secure mating.

Supports 26 AWG wire with 1.0mm narrow pitch.

Straight

Right Angle

Positive Lock

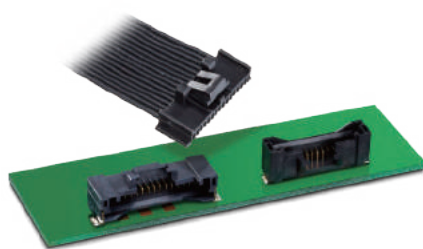
Crimp

SMT

Gold

Operating Temperature
-35 - 85°C

DF50A Series



1.0mm Pitch, 2A Max.

DF50A is a single-row type of DF50 Series, available in a wide variety of no. of pos. variations.

Designed to prevent cable tangling during cable assembly and transportation. The design reduces external stress on the locking section.

Also the positive lock and clear tactile click ensure a secure connection.

Straight

Right Angle

Positive Lock

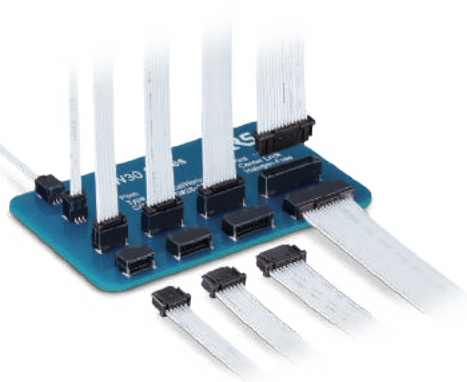
Crimp

SMT

Gold

Operating Temperature
-35 - 85°C

KW30 Series



1.0mm Pitch, 3A Max. *

A single-row connector with gold-plated and two-point contact "rib design" provides a secure fit when mating, preventing shock and rattling.

Its high vibration resistance ensures safe use even in a vibration environment.

Straight

Right Angle

Positive Lock

Crimp

SMT

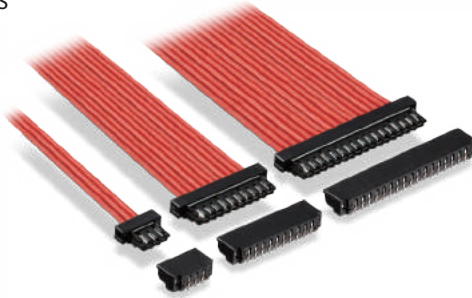
Gold Thick Gold

Operating Temperature
-55 - 105°C

UL C-UL

*Supports 3A Max. for 2.0mm pitch with 2pos. without a pin.

DF52 Series



0.8mm Pitch, 2.5A Max.

Thick housing wall, yet compact design, produces a strong, robust connector that resists damage.

The box shaped crimp contact prevents deformation during assembly and contributes to the overall stability and strength.

Right Angle

Friction Lock

Crimp

SMT

Tin

Operating Temperature
-40 - 85°C

DF53 Series



0.6mm Pitch, 1.3A Max.

The industry's smallest 0.6mm pitch crimp connector.

Supports 1.3A Max., making it ideal for connecting the batteries of wearable devices.

Achieves both downsizing and robust construction.

The high lance strength provides a robust structure that is strong enough to withstand The robust design with the high lance strength resistant to cable routing.

Right Angle

Friction Lock

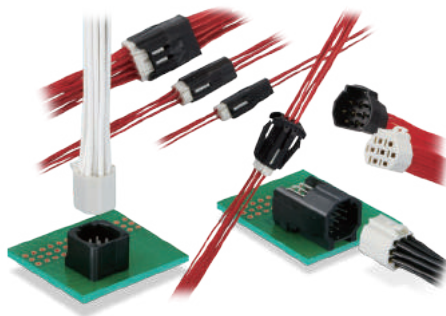
Crimp

SMT

Tin

Operating Temperature
-55 - 85°C

DF62 Series



2.0X2.2mm Pitch, 4A Max.

Slim and small connector contributes to wiring in narrow space.

Contacts are arranged in a grid, reducing the diagonal size.

Connector outline is rounded for smooth wiring.

This design helps to save precious space and makes these connectors virtually tangle free.

No metal component is exposed, eliminating the possibility of electrical arcing between the connector and the inside of a metal conduit.

Straight

Right Angle

In-Line

Positive Lock

Crimp

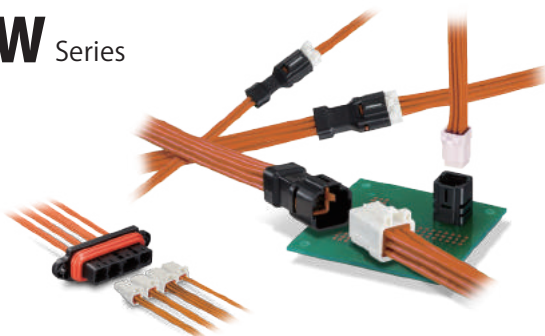
DIP

Tin Gold

Operating Temperature
-35 - 105°C

UL C-UL

DF62W Series



2.2X2.2mm Pitch, 5A Max.

Slim and smooth outline suitable for wiring in narrow spaces.

Built-in wire seal and housing seal supports waterproof of IP67 equivalent (reference value) .

Panel waterproof type (DF62WP) is also available.

Straight

In-Line

Positive Lock

Waterproof

Crimp

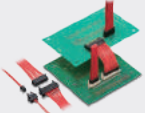
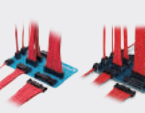
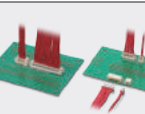
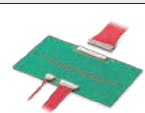
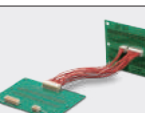
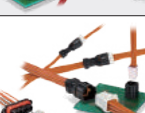
DIP

Tin Gold

Operating Temperature
-40 - 105°C

UL C-UL

Features

Series		Pitch	Lock	Current Capacity *1	Applicable Cable	Row	Assembly Type	Mounting Type	Connection Type					
									Straight	Right Angle	In-line	In-line Adaptor	Branch Adaptor	Board-to-Board
DF1B		2.5mm	Friction Lock	5A* 3A 2A 1A 0.5A	20 22-24 26 28 30	1	Crimp	DIP						
								-						
						2		DIP						
								-						
DF1E		2.5mm	Positive Lock	3A* 3A 2A 1A 0.5A	20 22-24 26 28 30	1	Crimp	DIP						
								-						
DF3		2.0mm	Friction Lock	3A* 3A 2A 1A	22 24 26 28	1	Crimp	DIP/SMT						
								-						
DF11		2.0mm	Friction Lock	2A* 2A 1A 0.5A	22 24-26 28 30	2	Crimp	DIP/SMT						
							-							
							-	DIP/SMT						
DF51		2.0mm	Positive Lock	3A* 2.5A 1A 0.5A	22 24-26 28 30	1	Crimp	DIP						
									2					
						DF51K					2.0mm	Positive Lock	3A* 2.5A 2A 1A 0.5A	22 24 26 28 30
2														
	KW30		1.0mm	Positive Lock	3A* 1A 0.8A		28 30 32	1	Crimp					
DF13		1.25mm	Friction Lock	2.5A* 2.0A 1A	26 28 30-32	1	Crimp	DIP/SMT						
						2		SMT						
DF14		1.25mm	Friction Lock	1A* 1A	26 28-32	1	Crimp	SMT						
DF20		1.0mm	Friction Lock	1A* 0.9A 0.7A	28 30 32	2	Crimp	SMT						
DF50/ DF50A		1.0mm	Positive Lock	2A* 0.9A 0.7A	26-28 30 32	1	Crimp	SMT						
									2					
DF52		0.8mm	Friction Lock	2.5A* 2A 1.5A	28 30 32	1	Crimp	SMT						
DF53		0.6mm	Friction Lock	1.3A*	32	1	Crimp	SMT						
DF62		2.0×2.2mm	Positive Lock	4A* 2A 1A	22 24 26-30	-	Crimp	DIP						
DF62W		2.2×2.2mm	Positive Lock	5A* 4A 3.5A 3A	20 22 24 26	-	Crimp	DIP						

*1 Maximum Current Capacity at Minimum AWG

*Specifications for standard type. Please contact your Hirose sales representative or technical support if you consider using this products outside the specifications. In cases where the application will demand a high level of reliability, such as automotive, please contact a company representative for further information.

No. of Pos.																																																		
	1	2	3	4	5	6	7	8	9	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
	1	2	3	4	5	6	7	8	9	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
	1	2	3	4	5	6	7	8	9	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
	1	2	3	4	5	6	7	8	9	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
	1	2	3	4	5	6	7	8	9	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
	1	2	3	4	5	6	7	8	9	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
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	1	2	3	4	5	6	7	8	9	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	3															

Applicable Cable Assembly Tools

Series	Assembly Type	Type	Jig and Part No.	Applicable Terminal		Applicable Cable						
				Terminal No.	Plating	AWG No.	Stranded Wire Structure	Jacket Diameter (mm)	UL			
DF1B	Crimp	Applicator	AP105-DF1B-2022S	DF1B-2022SCF / SCFA	Tin / Gold	20 22	21 / 0.18 7 / 0.16	ø1.2-1.9	UL 1061, UL 1007			
			AP105-DF1B-2428S	DF1B-2428SCF / SCFA	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø0.9-1.5				
			AP105-DF1B-30S	DF1B-30SCF / SCFA	Tin / Gold	30	7 / 0.12	ø0.6-1.2				
			AP105-DF1B-2022P	DF1B-2022PCF / PCFB	Tin / Gold	20 22	21 / 0.18 17 / 0.16	ø1.2-1.9				
			AP105-DF1B-2428P	DF1B-2428PCF	Tin	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø0.9-1.5				
				DF1-PD2428SCFB	Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø0.9-1.5				
			AP105-DF1B-30P	DF1B-30PCF / PCFB	Tin / Gold	30	7 / 0.1	ø0.8-1.1				
		Hand Tool	DF1B-TA2022SHC	DF1B-2022SC / SCA	Tin / Gold	20 22	21 / 0.18 17 / 0.16	ø1.8 ø1.6	UL 1007			
			DF1B-TA2428SHC	DF1B-2428SC / SCA	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.5 ø1.3 ø1.2				
						DF1B-TA30SHC	DF1B-30SC / SCA	Tin / Gold		30	7 / 0.1	ø1.1
						DF1B-TA2022PHC	DF1B-2022PC / PCB	Tin / Gold		20 22	21 / 0.18 17 / 0.16	ø1.8 ø1.6
			HT802 / DF1B-2428P(A)	DF1B-2428PC	Tin	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.5 ø1.3 ø1.2				
				DF1-PD2428SCB	Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.5 ø1.3 ø1.2				
			DF1B-TA30PHC	DF1B-30PC / PCB	Tin / Gold	30	7 / 0.1	ø1.1				
DF1E	Crimp	Applicator	AP105-DF1E-2022S	DF1E-2022SCF / SCFA	Tin / Gold	20 22	21 / 0.18 17 / 0.16	ø1.2-1.9	UL 1061, UL 1007			
			AP105-DF1B-2022S	DF1B-2022SCF / SCFA	Tin / Gold	20 22	21 / 0.18 17 / 0.16	ø1.2-1.9				
			AP105-DF1B-2428S	DF1B-2428SCF / SCFA	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø0.9-1.5				
			AP105-DF1B-30S	DF1B-30SCF / SCFA	Tin / Gold	30	7 / 0.1	ø0.6-1.2				
			AP105-DF1B-2022P	DF1E-2022PCF / PCFA	Tin / Gold	20 22	21 / 0.18 17 / 0.16	ø1.2-1.9				
			AP105-DF1B-2428P	DF1E-2428PCF / PCFA	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø0.9-1.5				
		Hand Tool	HT102 / DF1E-2022S	DF1E-2022SC / SCA	Tin / Gold	20 22	21 / 0.18 17 / 0.16	ø1.8 ø1.6	UL 1007			
			DF1B-TA2022SHC	DF1B-2022SC / SCA	Tin / Gold	20 22	21 / 0.18 17 / 0.16	ø1.8 ø1.6				
			DF1B-TA2428SHC	DF1B-2428SC / SCA	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.5 ø1.3 ø1.2				
			DF1B-TA30SHC	DF1B-30SC / SCA	Tin / Gold	30	7 / 0.1	ø1.1				
			HT102 / DF1BE-2022P	DF1E-2022PCA	Tin / Gold	20 22	21 / 0.18 17 / 0.16	ø1.8 ø1.6				
			HT102 / DF1BE-2428P	DF1E-2428PC	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.5 ø1.3 ø1.2				
		DF3	Crimp	Applicator	AP105-DF3-2428S	DF3-2428SCF / SCFC	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø0.75-1.5	UL 1007, UL 1061	
					AP105-DF3-22S	DF3-22SCF / SCFC	Tin / Gold	22	17 / 0.16	ø1.2-1.5	UL 1061	
					AP105-DF3-EP2428P	DF3-EP2428PCF / PCFA	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø0.75-1.5	UL 1007, UL 1061	
				Hand Tool	DF3-TA22HC	DF3-22SC / SCC	Tin / Gold	22	17 / 0.16	ø1.3	UL 1061	
					DF3-TA2428HC	DF3-2428SC / SCC	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.5 ø1.3 ø1.2	UL 1007	
					DF3EP-TA2428HC	DF3-EP2428PC / PCA	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.5 ø1.3 ø1.2		
DF11	Crimp	Applicator	AP105-DF11-22S	DF11-22SCF / SCFA(04)	Tin / Gold	22	17 / 0.16	ø1.2-1.45	UL 1061			
			AP105-DF11-2428S	DF11-2428SCF / SCFA(04)	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø0.9-1.45	UL 1007, UL 1061			
				DF11A-2428SCF	Tin	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø0.9-1.45				
				AP105-DF11-30S	DF11-30SCF / SCFA(04)	Tin / Gold	30	7 / 0.11		ø0.75-1.2		
			AP105-DF11-EP2428P	DF11-EP2428PCF / SCFA	Tin / Gold	24 26 28	1 / 0.16 7 / 0.16 7 / 0.127	ø0.9-1.45				
			Hand Tool	HT801 / DF11-22S(A)	DF11-22SC / SCA	Tin / Gold	22	17 / 0.16	ø1.3	UL 1061		
		HT801 / DF11-2428S(A)		DF11-2428SC / SCA	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.45 ø1.3 ø1.2	UL 1007			
						24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.1 ø1.0 ø0.9	UL 1061			
						24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.45 ø1.3 ø1.2	UL 1007			
						24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.1 ø1.0 ø0.9	UL 1061			
						24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.45 ø1.3 ø1.2	UL 1007			
		HT801 / DF11-30S(A)		DF11-30SC / SCA	Tin / Gold	30	11 / 0.16	ø0.8	UL 1061			
		HT801 / DF11-EP2428P(A)		DF11-EP2428PC / PCA	Tin / Gold	24 26 28	11 / 0.16 7 / 0.16 7 / 0.127	ø1.45 ø1.3 ø1.2	UL 1007			
		DF13	Crimp	Applicator	AP105-DF13-2630S / 2630S-S	DF13-2630SCF / SCFA(04) DF13G-2630SCF / SCFA	Tin / Gold	26 28 30	7 / 0.16 7 / 0.127 7 / 0.1	ø0.56-1.0	UL 1061, UL 1571	
AP105-DF13-3032S	DF13-3032SCF / SCFA				Tin / Gold	30 32	7 / 0.1 7 / 0.08	ø0.52-0.8	UL 1571			
AP109A-DF13-2630S	DF13-2630SCF / SCFA(04) DF13G-2630SCF / SCFA				Tin / Gold	26 28 30	7 / 0.16 7 / 0.127 7 / 0.1	ø0.56-1.0	UL 1061, UL 1571			
Hand Tool	DF13-TB2630HC			DF13-2630SCF	Tin	26 28 30	7 / 0.16 7 / 0.127 7 / 0.1	ø0.65-1.0	UL 1571			

Series	Assembly Type	Type	Jig and Part No.	Applicable Terminal		Applicable Cable					
				Terminal No.	Plating	AWG No.	Stranded Wire Structure	Jacket Diameter (mm)	UL		
DF14	Crimp	Applicator	AP105-DF14-2628S	DF14-2628SCF / SCFA	Tin / Gold	26 28	7 / 0.16 7 / 0.127	ø0.54-1.0	UL 1571		
			AP105-DF14-3032S	DF14-3032SCF / SCFA	Tin / Gold	30 32	7 / 0.1 7 / 0.08				
		Hand Tool	DF14-2628 / CR-HT	DF14-2628SCF / SCFA	Tin / Gold	26 28	7 / 0.16 7 / 0.127	ø0.98 ø0.88			
			DF14-3032 / CR-HT	DF14-3032SCF / SCFA	Tin / Gold	30 32	7 / 0.1 7 / 0.08	ø0.7 ø0.54			
DF20	Crimp	Applicator	AP105-DF20-2830S	DF20F-2830SCFA(04) / SCFA(44)	Gold	28 30	7 / 0.127 7 / 0.1	ø0.54-0.6 ø0.54-0.6	UL 1571		
			DF20F-3032SCFA(04) / SCFA(44)	Gold	30 32	7 / 0.1 7 / 0.08	ø0.54-0.6				
		Hand Tool	HT302 / DF20B-2830S	DF20F-2830SCFA(04) / SCFA(44)	Gold	28 30	7 / 0.127 7 / 0.1	ø0.58 ø0.56			
DF50/ DF50A	Crimp	Applicator	AP105-DF50-2630S	DF50-26SCFA	Gold	26 28	7 / 0.16 7 / 0.127	ø0.88	UL 3302		
			DF50-2830SCFA	Gold		30 32	7 / 0.102 7 / 0.127	ø0.80-0.88	UL 1061		
			DHS799100-BH(-UP)※			DF50-2830SCFA	Gold	28 30	7 / 0.127 7 / 0.102	ø0.80-0.88	
			AP105-DF50K-2830S	DF50K-2830SCFA	Gold	28 30	7 / 0.127 7 / 0.102	ø0.58	UL 1571		
			DHX001800K(-UP)※	DF50K-2830SCFA	Gold	28 30	7 / 0.127 7 / 0.102	ø0.58			
			AP105-DF50-3032S	DF50-3032SCFA	Gold	30 32	7 / 0.102 7 / 0.08	ø0.54-0.56			
		Hand Tool	HT305 / DF50-2830HC	DF50-2830SCFA	Gold	28 30	7 / 0.127 7 / 0.102	ø0.80-0.88		UL 1061	
DF51	Crimp	Applicator	AP105-DF11-22S	DF11-22SCF / SCFA(04)	Tin / Gold	22 24	17 / 0.16 11 / 0.16	ø1.2-1.45	UL 1061		
			AP105-DF11-2428S	DF11-2428SCF / SCFA(04)	Tin / Gold	26 28	7 / 0.16 7 / 0.127	ø0.9-1.45	UL 1007, UL 1061		
				DF11A-2428SCF	Tin	24 26	11 / 0.16 7 / 0.16				
				AP105-DF11-30S	DF11-30SCF / SCFA(04)	Tin / Gold	28 30	7 / 0.127 7 / 0.1		ø0.9-1.45	
			AP105-DF11-EP2428P	DF11-EP2428PCF / PCFA	Tin / Gold	24 26	11 / 0.16 7 / 0.16	ø0.75-1.2			
			Hand Tool	HT801 / DF11-22S(A)	DF11-22SC / SCA	Tin / Gold	26 28	7 / 0.16 7 / 0.127	ø0.9-1.45	UL 1007, UL 1061	
		HT801 / DF11-2428S(A)		DF11-2428SC / SCA	Tin / Gold	28 24	7 / 0.127 11 / 0.16	ø0.9-1.45			
		DF11A-2428SC		Tin	26 28	7 / 0.16 7 / 0.127	ø0.9-1.45				
		HT801 / DF11-30S(A)		DF11-30SC / SCA	Tin / Gold	30	7 / 0.1	ø0.75-1.2			
		HT801 / DF11-EP2428P(A)		DF11-EP2428PC / PCA	Tin / Gold	24 26	11 / 0.16 7 / 0.16	ø0.9-1.45			
						28	7 / 0.127	ø0.9-1.45			
		DF51K	Crimp	Applicator	AP105-DF11-22S	DF51K-22SCF / SCFA	Tin / Gold	22 24	17 / 0.16 11 / 0.16	ø1.2-1.45	UL 1061
AP105-DF11-2428S	DF51K-2428SCF / SCFA				Tin / Gold	26 28	7 / 0.16 7 / 0.127	ø0.9-1.45	UL 1007		
AP105-DF11-30S	DF51K-30SCF / SCFA				Tin / Gold	28 30	7 / 0.127 7 / 0.1	ø0.8			
Hand Tool	HT801 / DF11-22S(A)			DF51K-22SC / SCA	Tin / Gold	22 24	17 / 0.16 11 / 0.16	ø1.2-1.45	UL 1061		
	HT801 / DF11-2428S(A)			DF51K-2428SC / SCA	Tin / Gold	26 28	7 / 0.16 7 / 0.127	ø0.9-1.45	UL 1007		
	HT801 / DF11-30S(A)			DF51K-30SC / SCA	Tin / Gold	28 30	7 / 0.127 7 / 0.1	ø0.8	UL 1061		
DF52	Crimp	Applicator	AP105-DF52-2832P	DF52-2832PCF	Tin	28 30	7 / ø0.127 7 / ø0.102	ø0.5-0.6	UL 1571		
			32			7 / ø0.08					
			28			7 / ø0.127					
			30			7 / ø0.102					
			32			7 / ø0.08					
DF53	Crimp	Applicator	AP105-DF53-32P	DF53-32PCF	Tin	32	7 / 0.08	ø0.38	UL 1867		
DF62	Crimp	Applicator	AP105-DF62-22	DF62-22SCF / SCFA	Tin / Gold	22 22	17 / 0.16 17 / 0.16	ø1.2-1.45 ø1.2-1.45	UL 1061		
			AP105-DF62-2428	DF62-2428SCF / SCFA	Tin / Gold	24 26	11 / 0.16 7 / 0.16	ø0.9-1.45	UL 1007		
				DF62-EP2428PCF / PCFA	Tin / Gold	28 24	7 / 0.127 11 / 0.16	ø0.9-1.45			
				AP105-DF62-30	DF62-30SCF / SCFA	Tin / Gold	26 28	7 / 0.16 7 / 0.127		ø0.9-1.45	
			Hand Tool	HT801 / DF62-22(10)	DF62-22SC / SCA	Tin / Gold	30 22	7 / 0.1 17 / 0.16	ø0.75-1.2 ø1.26	UL 1061	
				DF62-EP22PC / PCA	Tin / Gold	30 22	7 / 0.1 17 / 0.16	ø0.75-1.2 ø1.26			
		HT801 / DF62-2428(10)		DF62-2428SC / SCA	Tin / Gold	24 26	11 / 0.16 7 / 0.16	ø1.42 ø1.28	UL 1007		
				DF62-EP2428PC / PCA	Tin / Gold	28 24	7 / 0.127 11 / 0.16	ø1.18 ø1.42			
				DF62-30SC / SCA	Tin / Gold	26 28	7 / 0.16 7 / 0.127	ø1.28 ø1.18			
				DF62-EP30PCF / PCFA	Tin / Gold	28 30	7 / 0.127 7 / 0.1	ø1.18 ø0.82			
				HT801 / DF62-30(10)	DF62-30SC / SCA	Tin / Gold	30 30	7 / 0.1 7 / 0.1		ø0.82	
		DF62W	Crimp	Applicator	AP105-DF62W-2022 EHS89800H-UP※	DF62W-2022SCF / SCFA	Tin / Gold	20 22	7 / 0.32 17 / 0.16	ø1.4-1.6	UL 3443
					DF62W-EP2022PCF / PCFA	Tin / Gold	22 22	17 / 0.16 17 / 0.16	ø1.4-1.6	UL 1007	
20 22	7 / 0.32 17 / 0.16					ø1.4-1.6	UL 3443				
22 22	17 / 0.16 17 / 0.16					ø1.4-1.6	UL 1007				
AP105-DF62W-2226 EHS888400H-UP※	DF62W-2226SCF / SCFA				Tin / Gold	24 26	11 / 0.16 11 / 0.16	ø1.4-1.6	UL 1007, UL 1430		
	24 26				11 / 0.16 7 / 0.16	ø0.98-1.2	UL 1061				
	22 26				17 / 0.16 7 / 0.16	ø0.98-1.2	UL 1007				
	24 26				11 / 0.16 11 / 0.16	ø1.4-1.6	UL 1007, UL 1430				
	24 26				11 / 0.16 7 / 0.16	ø0.98-1.2	UL 1430				
	22 26				17 / 0.16 7 / 0.16	ø0.98-1.2	UL 1061				
Hand Tool	HT802 / DF62W-2022				DF62W-2022SC / SCA	Tin / Gold	22 22	7 / 0.32 17 / 0.16	ø1.53 ø1.58	UL 3443	
	DF62W-EP2022PC / PCA				Tin / Gold	20 22	7 / 0.32 17 / 0.16	ø1.53 ø1.58	UL 1007		
	HT802 / DF62W-2226				DF62W-2226SC / SCA	Tin / Gold	22 24	17 / 0.16 11 / 0.16	ø1.58 ø1.42	UL 1007	
				26 22	7 / 0.16 17 / 0.16	ø1.48 ø1.58	UL 1430				
				24 24	11 / 0.16 11 / 0.16	ø1.42 ø1.42	UL 1007				
				26 24	7 / 0.16 11 / 0.16	ø1.48 ø1.42	UL 1430				
KW30	Crimp			Applicator	AP105-KW30-2830P	KW30-2830PCFA(800)	Gold	28 30	7 / 0.127 7 / 0.102	ø0.80-0.88	UL 1061
					AP105-KW30A-2830P	KW30A-2830PCFA(800)	Gold	28 30	7 / 0.127 7 / 0.102	ø0.56-0.58	UL 1571
						KW30A-2830PCFA(805)	Gold	30 32	7 / 0.102 7 / 0.08	ø0.54-0.56	UL 1571
		Hand Tool	HT307/KW30-2830PA		KW30-2830PCFA(800)	Gold	28 30	7 / 0.127 7 / 0.102	ø0.8-0.88	UL 1061	
		All Series		Press Unit	CM-105C						

*Applicator manufactured by JAPAN AUTOMATIC MACHINE(J.A.M.). Please access the J.A.M. Website for inquires on the applicator or crimp defects.
URL <https://www.jam-net.co.jp/eng/>

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