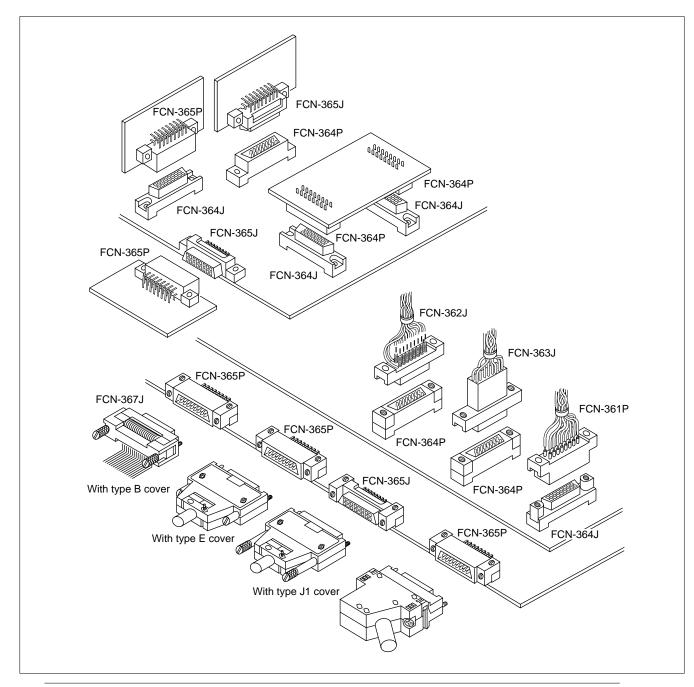
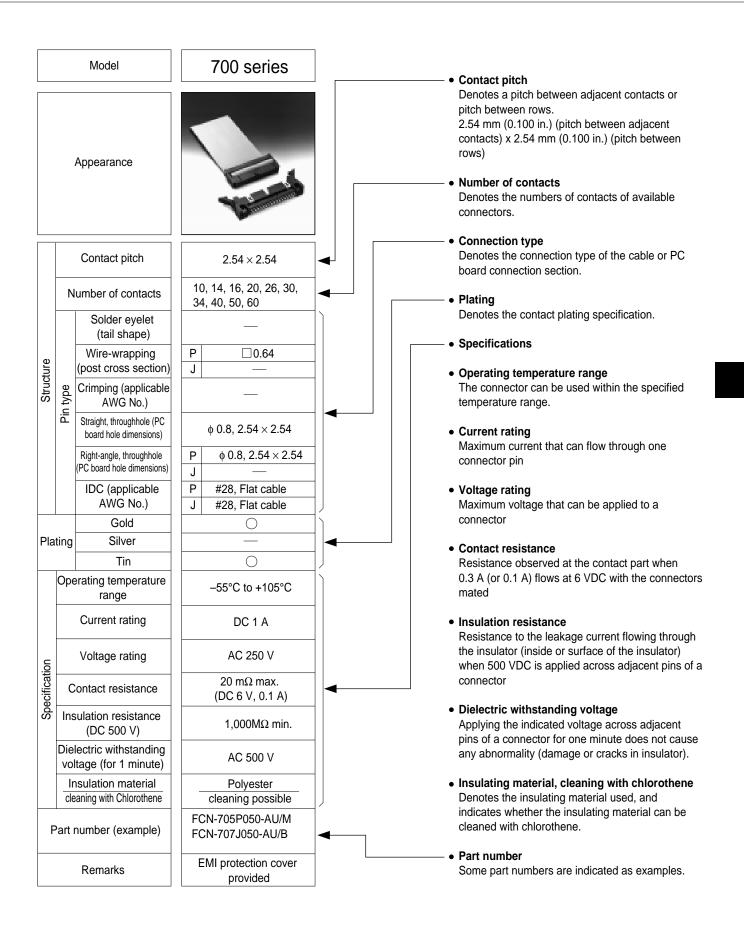


# **RECTANGULAR CONNECTORS**

## FCN360 Series DISCONTINUED September 2020



## **Terms in Selection Table (Example)**



#### **Rectanglar Connectors** Model 360 series Appearance Contact pitch $2.54 \times 2.54$ 8, 16, 24, 32, 40, 48, Number of contacts 56, 64 Solder eyelet Ρ 1.8 imes 0.7(tail shape) J $1.8 \times 0.7$ Wire-wrapping Diagonal 0.71 mm (post cross section) (0.028 in.) Crimping (applicable Ρ AWG No.) J AWG #22 to #28 Straight, through hole (PC Ρ $\varphi 1,\, 2.54 \times 2.54$ board hole dimensions) J $\phi$ 1, 2.54 $\times$ 2.54 Ρ Right-angle, through hole $\varphi 1,\, 2.54 \times 2.54$ (PC board hole dimensions) J $\varphi 1,\, 2.54 \times 2.54$ IDC (applicable Ρ AWG No.) J #28, Flat cable Gold 0 Silver Ο Tin Operating temperature –55°C to +85°C range Current rating DC 3 A (IDC type: 1A) AC 250 V Voltage rating 15 m $\Omega$ max. Contact resistance (DC 6 V, 0.3 A) Insulation resistance 1,000 MΩ min. (DC 500 V) Dielectric withstanding AC 500 V voltage (for 1 minute) Polyester Insulating material PC (363J) Part number (example) FCN-361P024-AU Remarks Cable cover provided

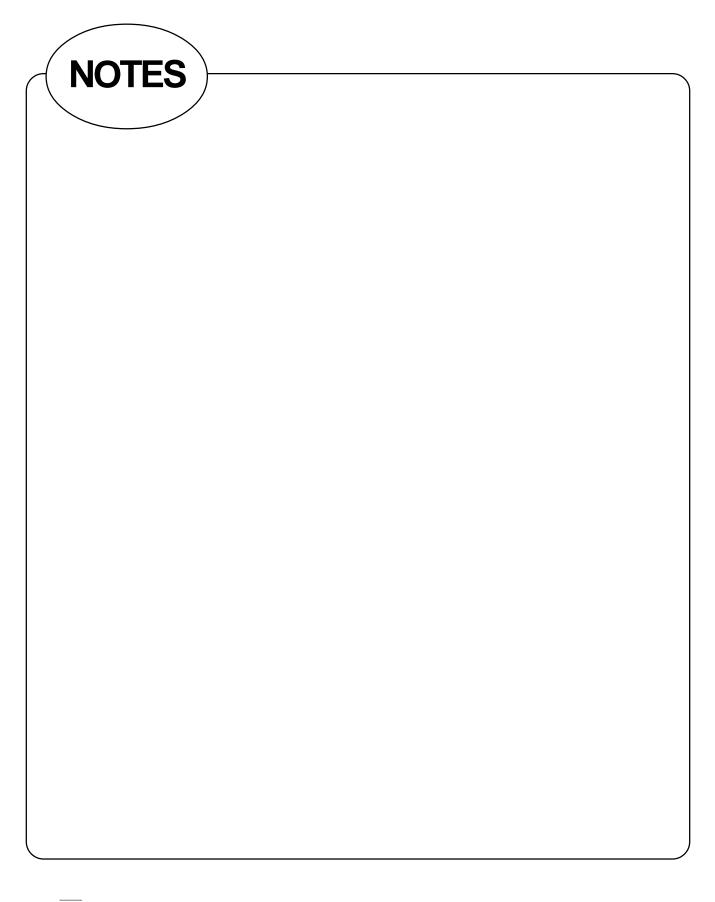
Structure

type

Plating

Specification

4

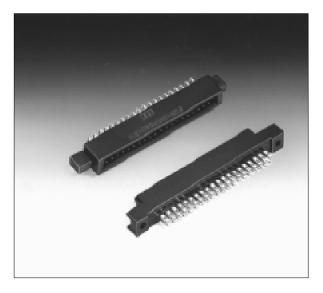


# **RECTANGULAR CONNECTORS**

## **FCN-360 SERIES**

#### ■ FEATURES

- Many applications
   Various connectors are available for connection by
   means of soldering, wire wrapping, crimping, PC board
   mounting, and insulation displacement connection
   (IDC). The user can choose a plug and jack
   combination that best meet each application.
- Small size for high-density mounting The connectors are small with a contact and terminal pitch of 2.54 mm (0.100 in.) between pins and between rows and are thus well suited for high-density mounting.
- Sturdy shell guide Sturdy shell guides are used to prevent mismating and to protect the pins.
- Excellent cost performance Streamlined design and automated manufacturing, including use of partial solder plating, provide excellent cost performance.



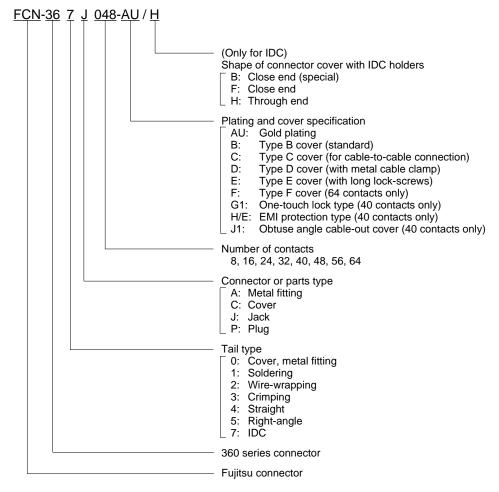
### SPECIFICATIONS

	Item	Specification		
Operating to	emperature range	–55°C to +85°C		
Current Rat	ing	DC 3 A (IDC type: 1 A)		
Voltage Rat	ting	AC 250 V		
Contact res	istance	15 mΩ max. (DC 6 V, 0.3 A)		
Insulation re	esistance	1000 MΩ min. (DC 500 V)		
Dielectric wit	hstanding voltage	AC 500 V for 1 minute		
Insertion for	rce	2.5 kg max. (8 contacts), 20 kg max. (64 contacts)		
Withdrawal	force	0.3 kg min. (8 contacts), 2.3 kg min. (64 contacts)		
	Soldering	φ0.60 mm (0.024 in.) max, AWG #23 or less		
	Wire-wrapping	φ0.32 mm (0.013 in.) to φ0.26 mm (0.010 in.), AWG #28 to #30		
Applicable wire	Crimping	Standard contacts $\phi$ 0.51 mm (0.020 in.) to $\phi$ 0.32 mm (0.013 in.), AWG #24 to #28, insulator $\phi$ 1.2 mm (0.047 in.) max. Contacts for thick wires $\phi$ 0.64 mm (0.025 in.) to $\phi$ 0.32 mm (0.013 in.), AWG #22 to #28, insulator $\phi$ 1.7 (0.067 in.) max.		
	IDC	Flat cable 1.27 mm (0.050 in.) pitch, AWG #28 (stranded wire), AWG #30 (solid wire)		
Applicable I	PC board	1.6 mm (0.063 in.) standard thick		

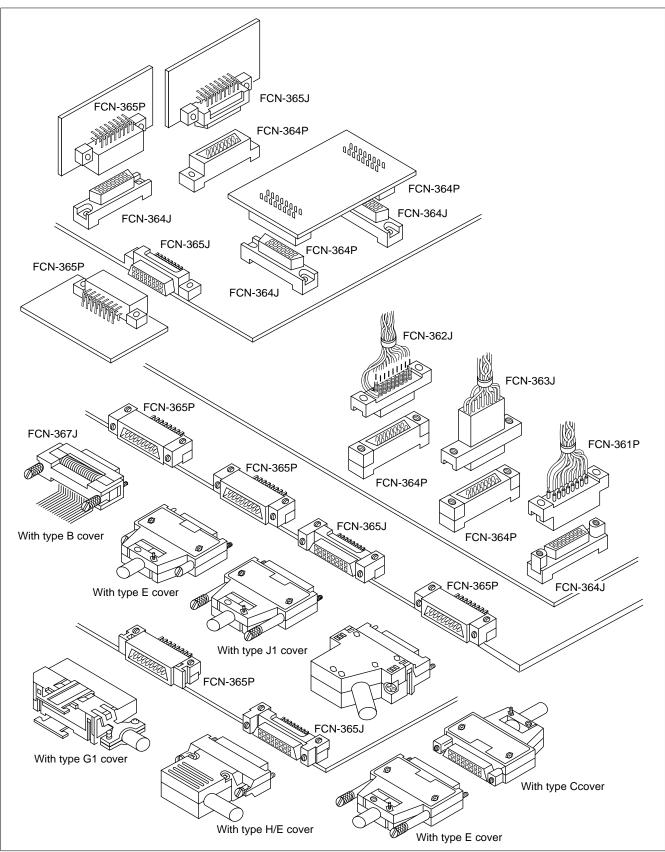
#### MATERIALS

Item	Material		
Insulator	Polyester (363J: PC94V-2)		
Conductor	Copper alloy		
Plating	Gold plating, silver plating		

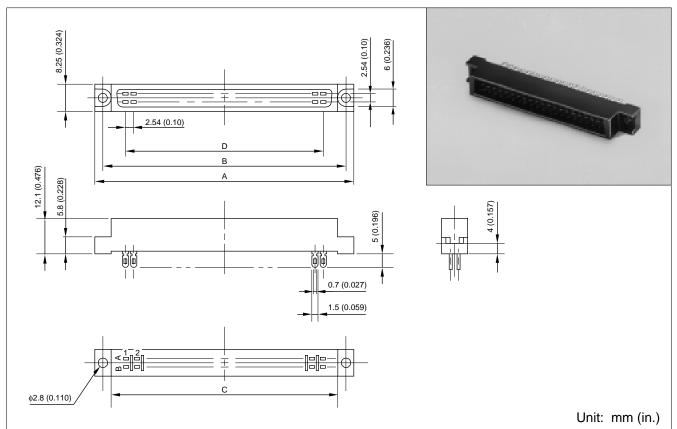
#### PART NUMBER



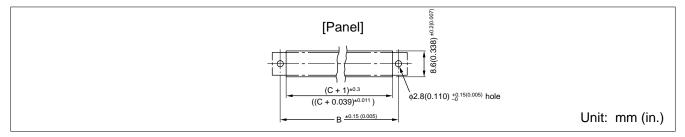
#### ■ APPLICATION EXAMPLE



#### SOLDERING TYPE (PLUG) ■ DIMENSIONS

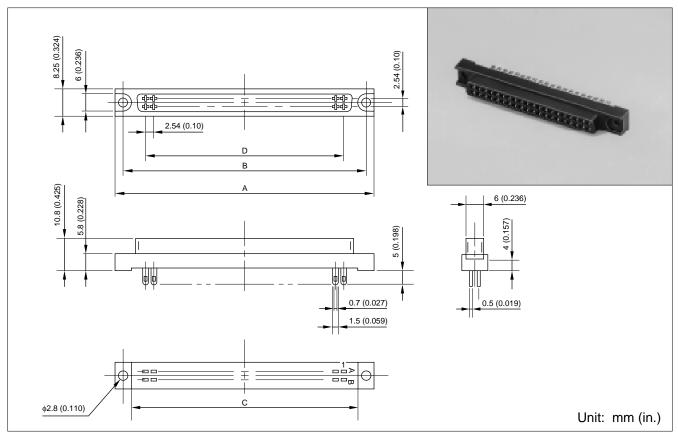


### ■ MOUTING HOLE LAYOUT

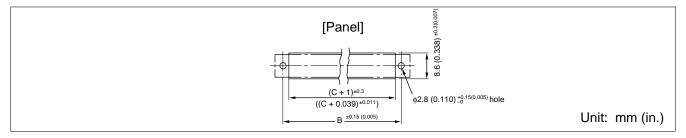


Number of			Dimensions: mm (in.)		
contacts	Part number	Α	В	C	D
8	FCN-361P008-AU	28.84 (1.135)	23.34 (0.918)	17.84 (0.702)	7.62 (0.3)
16	FCN-361P016-AU	39.0 (1.535)	33.5 (1.318)	28.0 (1.102)	17.78 (0.7)
24	FCN-361P024-AU	49.16 (1.935)	43.66 (1.718)	38.16 (1.502)	27.94 (1.1)
32	FCN-361P032-AU	59.32 (2.335)	53.82 (2.118)	48.32 (1.902)	38.1 (1.5)
40	FCN-361P040-AU	69.48 (2.735)	63.98 (2.518)	58.48 (2.302)	48.26 (1.9)
48	FCN-361P048-AU	79.64 (3.135)	74.14 (2.918)	68.64 (2.702)	58.42 (2.3)
56	FCN-361P056-AU	89.8 (3.535)	84.3 (3.318)	78.8 (3.102)	68.58 (2.7)
64	FCN-361P064-AU	99.96 (3.935)	94.46 (3.718)	88.96 (3.502)	78.74 (3.1)

#### SOLDERING TYPE (JACK) ■ DIMENSIONS

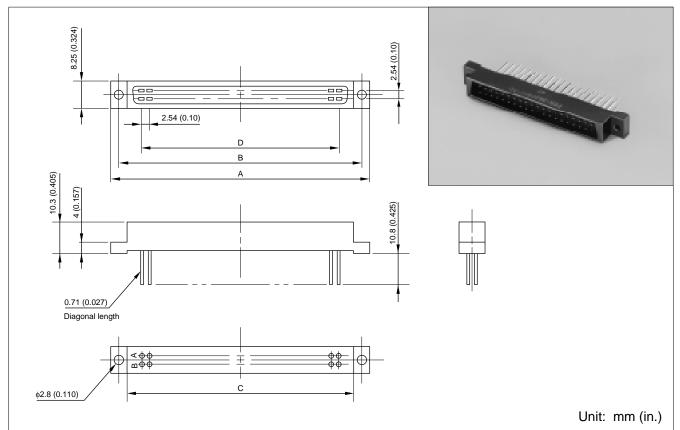


#### ■ BOARD MOUTING HOLE LAYOUT

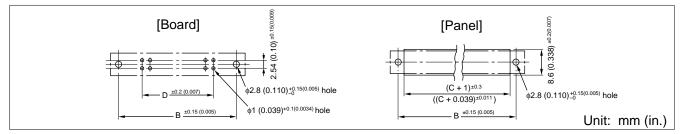


Number of			Dimensions: mm (in.)				
contacts	Part number	Α	В	C	D		
8	FCN-361J008-AU	28.84 (1.135)	23.34 (0.918)	17.84 (0.702)	7.62 (0.3)		
16	FCN-361J016-AU	39.0 (1.535)	33.5 (1.318)	28.0 (1.102)	17.78 (0.7)		
24	FCN-361J024-AU	49.16 (1.935)	43.66 (1.718)	38.16 (1.502)	27.94 (1.1)		
32	FCN-361J032-AU	59.32 (2.335)	53.82 (2.118)	48.32 (1.902)	38.1 (1.5)		
40	FCN-361J040-AU	69.48 (2.735)	63.98 (2.518)	58.48 (2.302)	48.26 (1.9)		
48	FCN-361J048-AU	79.64 (3.135)	74.14 (2.918)	68.64 (2.702)	58.42 (2.3)		
56	FCN-361J056-AU	89.8 (3.535)	84.3 (3.318)	78.8 (3.102)	68.58 (2.7)		
64	FCN-361J064-AU	99.96 (3.935)	94.46 (3.718)	88.96 (3.502)	78.74 (3.1)		

#### WIRE-WRAP TYPE (PLUG) ■ DIMENSIONS

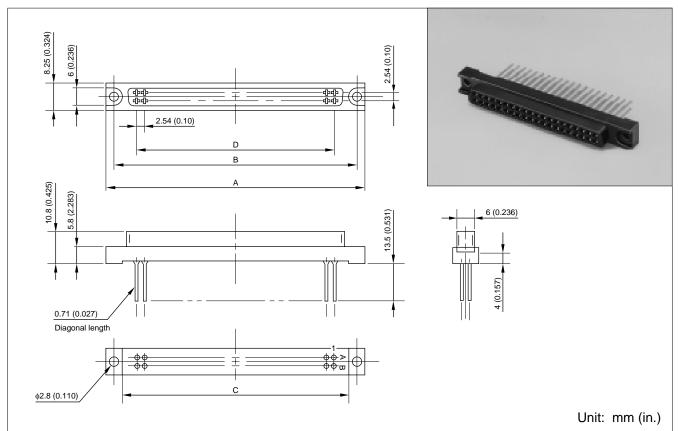


#### ■ MOUTING HOLE LAYOUT

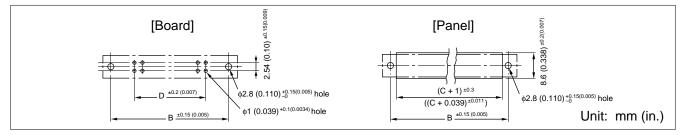


Number of	Part number		Dimensions: mm (in.)				
contacts		Α	В	C	D		
8	FCN-362P008-AU	28.84 (1.135)	23.34 (0.918)	17.84 (0.702)	7.62 (0.3)		
16	FCN-362P016-AU	39.0 (1.535)	33.5 (1.318)	28.0 (1.102)	17.78 (0.7)		
24	FCN-362P024-AU	49.16 (1.935)	43.66 (1.718)	38.16 (1.502)	27.94 (1.1)		
32	FCN-362P032-AU	59.32 (2.335)	53.82 (2.118)	48.32 (1.902)	38.1 (1.5)		
40	FCN-362P040-AU	69.48 (2.735)	63.98 (2.518)	58.48 (2.302)	48.26 (1.9)		
48	FCN-362P048-AU	79.64 (3.135)	74.14 (2.918)	68.64 (2.702)	58.42 (2.3)		
56	FCN-362P056-AU	89.8 (3.535)	84.3 (3.318)	78.8 (3.102)	68.58 (2.7)		
64	FCN-362P064-AU	99.96 (3.935)	94.46 (3.718)	88.96 (3.502)	78.74 (3.1)		

#### WIRE-WRAP TYPE (JACK) DIMENSIONS

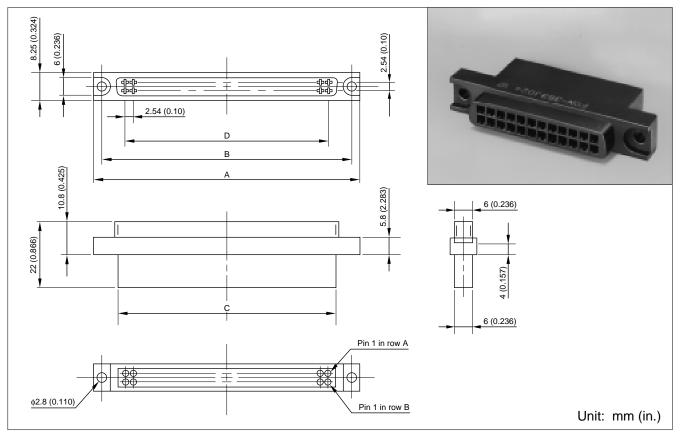


#### ■ MOUTING HOLE LAYOUT

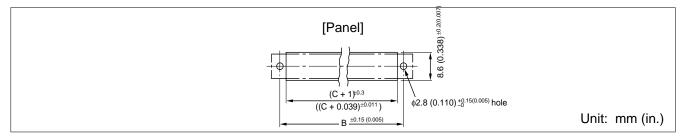


Number of	Part number		Dimensions: mm (in.)				
contacts	i art namber	Α	В	C	D		
8	FCN-362J008-AU	28.84 (1.135)	23.34 (0.918)	17.84 (0.702)	7.62 (0.3)		
16	FCN-362J016-AU	39.0 (1.535)	33.5 (1.318)	28.0 (1.102)	17.78 (0.7)		
24	FCN-362J024-AU	49.16 (1.935)	43.66 (1.718)	38.16 (1.502)	27.94 (1.1)		
32	FCN-362J032-AU	59.32 (2.335)	53.82 (2.118)	48.32 (1.902)	38.1 (1.5)		
40	FCN-362J040-AU	69.48 (2.735)	63.98 (2.518)	58.48 (2.302)	48.26 (1.9)		
48	FCN-362J048-AU	79.64 (3.135)	74.14 (2.918)	68.64 (2.702)	58.42 (2.3)		
56	FCN-362J056-AU	89.8 (3.535)	84.3 (3.318)	78.8 (3.102)	68.58 (2.7)		
64	FCN-362J064-AU	99.96 (3.935)	94.46 (3.718)	88.96 (3.502)	78.74 (3.1)		

#### CRIMP TYPE (JACK HOUSING) ■ DIMENSIONS



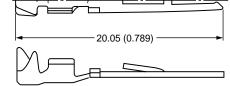
#### ■ MOUTING HOLE LAYOUT



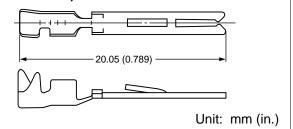
Number of	Part number	Dimensions: mm (in.)				
contacts	Fait number	Α	В	С	D	
8	FCN-363J008	28.84 (1.135)	23.34 (0.918)	17.84 (0.702)	7.62 (0.3)	
16	FCN-363J016	39.0 (1.535)	33.5 (1.318)	28.0 (1.102)	17.78 (0.7)	
24	FCN-363J024	49.16 (1.935)	43.66 (1.718)	38.16 (1.502)	27.94 (1.1)	
32	FCN-363J032	59.32 (2.335)	53.82 (2.118)	48.32 (1.902)	38.1 (1.5)	
40	FCN-363J040	69.48 (2.735)	63.98 (2.518)	58.48 (2.302)	48.26 (1.9)	
48	FCN-363J048	79.64 (3.135)	74.14 (2.918)	68.64 (2.702)	58.42 (2.3)	
56	FCN-363J056	89.8 (3.535)	84.3 (3.318)	78.8 (3.102)	68.58 (2.7)	
64	FCN-363J064	99.96 (3.935)	94.46 (3.718)	88.96 (3.502)	78.74 (3.1)	

#### CRIMP TYPE (CONTACT) ■ DIMENSIONS

Standard contact (applicable wire: AWG #24 to #28)



Thick wire connection contact (applicable wire: AWG #22 to #26)



#### ■ PART NUMBERS

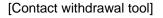
Туре	Plating	Standard	Thick wire connection contact
Loose piece	Gold plating	FCN-363J-AU	FCN-363J-AU/S
Strip reeled	Gold plating	FCN-363J-AU/R	FCN-363J-AU/T

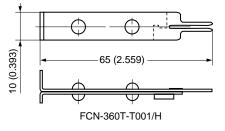
#### PART NUMBERS OF CRIMPING TOOLS

Part number	Contact type	Applicable wire	Wire cross-section area (mm <sup>2</sup> )	Crimp height	Insulator diameter	Stripped length
FCN-363T-T005/H (Hand crimping tool)	FCN-363J-AU (Loose piece)	AWG #24	0.20 to 0.24	1.25 mm (0.049 in.) to 1.30 mm (0.051 in.)	φ1.2 mm (0.047 in.) max	3.0 mm (0.118 in.) to 4.0 mm (0.157 in.)
	FCN-363J-AU/R (Strip reeled)	AWG #26	0.13 to 0.16	1.20 mm (0.047 in.) to 1.25 mm (0.049 in.)	φ1.2 mm (0.047 in.) max	3.0 mm (0.118 in.) to 4.0 mm (0.157 in.)
		AWG #28	0.088 to 0.096	1.15 mm (0.045 in.) to 1.20 mm (0.047 in.)	φ1.2 mm (0.047 in.) max	3.0 mm (0.118 in.) to 4.0 mm (0.157 in.)
FCN-363T-T011/H (Hand crimping tool)	FCN-363J-AU/S (Loose piece)	AWG #22	0.30 to 0.40	0.85 mm (0.033 in.) to 0.95 mm (0.037 in.)	φ0.9 mm (0.035 in.) 1.8 mm (0.071 in.)	3.0 mm (0.118 in.) to 4.0 mm (0.157 in.)
	FCN-363J-AU/T (Strip reeled)	AWG #24	0.20 to 0.24	0.75 mm (0.029 in.) to 0.85 mm (0.033 in.)	φ0.9 mm (0.035 in.) 1.8 mm (0.071 in.)	3.0 mm (0.118 in.) to 4.0 mm (0.157 in.)
		AWG #26	0.13 to 0.16	0.73 mm (0.028 in.) to 0.81 mm (0.031 in.)	φ0.9 mm (0.035 in.) 1.8 mm (0.071 in.)	3.0 mm (0.118 in.) to 4.0 mm (0.157 in.)

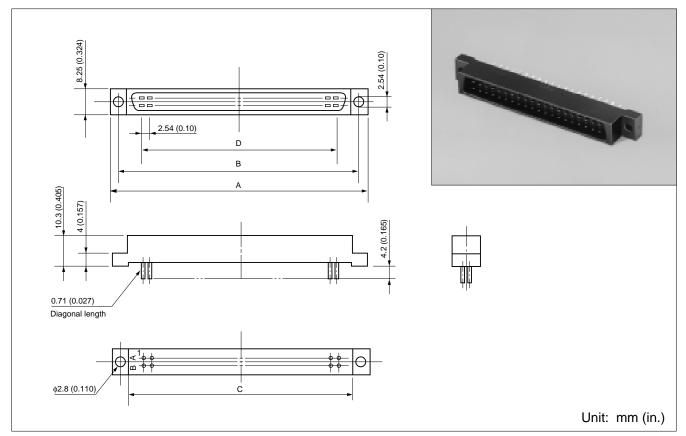
#### [Hand crimping tool]



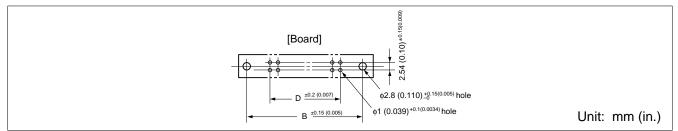




#### STRAIGHT TYPE (PLUG) ■ DIMENSIONS

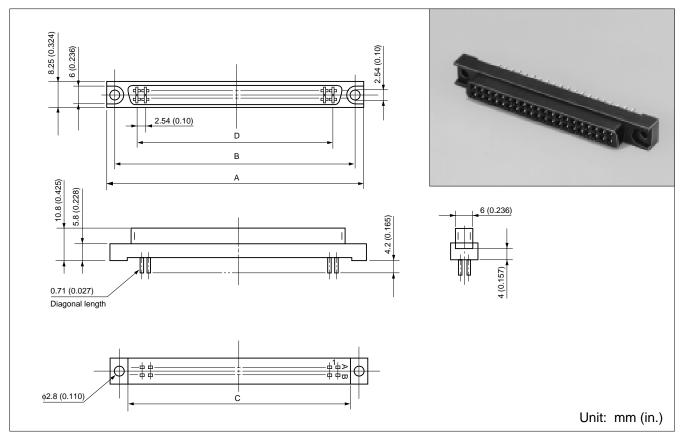


### BOARD MOUTING HOLE LAYOUT

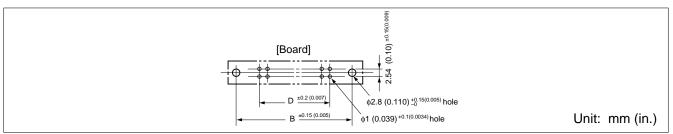


Number of	Part number		Dimensions: mm (in.)				
contacts	Fait number	A	В	C	D		
8	FCN-364P008-AU	28.84 (1.135)	23.34 (0.918)	17.84 (0.702)	7.62 (0.3)		
16	FCN-364P016-AU	39.0 (1.535)	33.5 (1.318)	28.0 (1.102)	17.78 (0.7)		
24	FCN-364P024-AU	49.16 (1.935)	43.66 (1.718)	38.16 (1.502)	27.94 (1.1)		
32	FCN-364P032-AU	59.32 (2.335)	53.82 (2.118)	48.32 (1.902)	38.1 (1.5)		
40	FCN-364P040-AU	69.48 (2.735)	63.98 (2.518)	58.48 (2.302)	48.26 (1.9)		
48	FCN-364P048-AU	79.64 (3.135)	74.14 (2.918)	68.64 (2.702)	58.42 (2.3)		
56	FCN-364P056-AU	89.8 (3.535)	84.3 (3.318)	78.8 (3.102)	68.58 (2.7)		
64	FCN-364P064-AU	99.96 (3.935)	94.46 (3.718)	88.96 (3.502)	78.74 (3.1)		

#### STRAIGHT TYPE (JACK) ■ DIMENSIONS

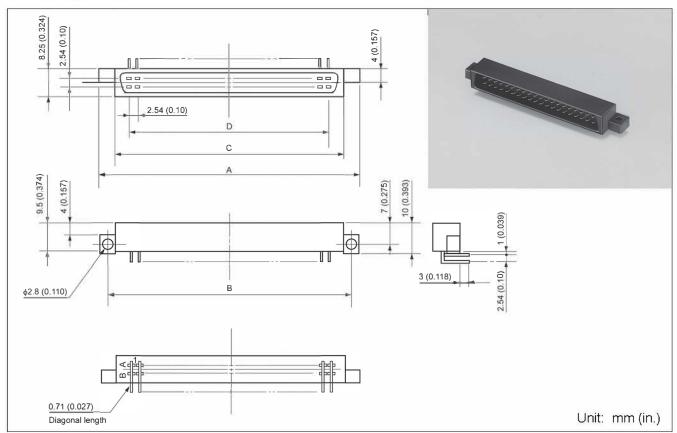


#### ■ BOARD MOUTING HOLE LAYOUT

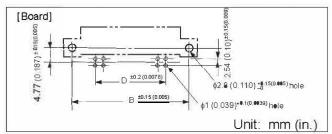


Number of	Part number		Dimensions: mm (in.)				
contacts	Fait number	A	В	C	D		
8	FCN-364J008-AU	28.84 (1.135)	23.34 (0.918)	17.84 (0.702)	7.62 (0.3)		
16	FCN-364J016-AU	39.0 (1.535)	33.5 (1.318)	28.0 (1.102)	17.78 (0.7)		
24	FCN-364J024-AU	49.16 (1.935)	43.66 (1.718)	38.16 (1.502)	27.94 (1.1)		
32	FCN-364J032-AU	59.32 (2.335)	53.82 (2.118)	48.32 (1.902)	38.1 (1.5)		
40	FCN-364J040-AU	69.48 (2.735)	63.98 (2.518)	58.48 (2.302)	48.26 (1.9)		
48	FCN-364J048-AU	79.64 (3.135)	74.14 (2.918)	68.64 (2.702)	58.42 (2.3)		
56	FCN-364J056-AU	89.8 (3.535)	84.3 (3.318)	78.8 (3.102)	68.58 (2.7)		
64	FCN-364J064-AU	99.96 (3.935)	94.46 (3.718)	88.96 (3.502)	78.74 (3.1)		

#### RIGHT-ANGLE TYPE (PLUG) ■ DIMENSIONS



#### MOUTING HOLE LAYOUT



### 

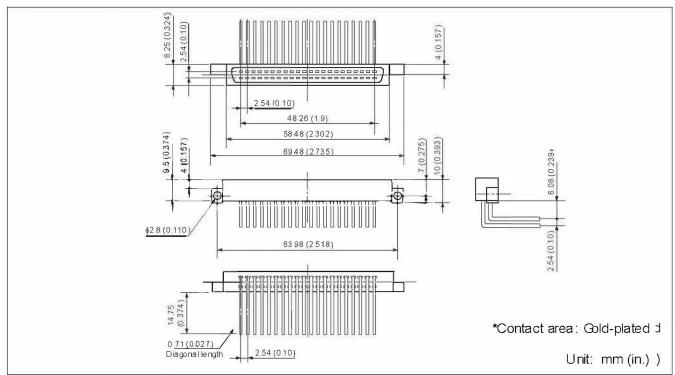
• Note on mounting a right-angle plug on a board



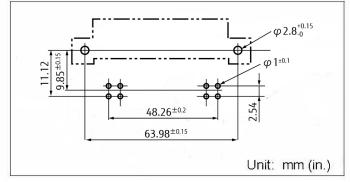
Plug Mount the connector so that it projects from the board by at least 1.5 mm (0.059 in.).

Number of	Part number	Dimensions: mm (in.)				
contacts	Part Humber	A	B	C	D	
8	FCN-365P008-AU	28.84 (1.135)	23.34 (0.918)	17.84 (0.702)	7.62 (0.3)	
16	FCN-365P016-AU	39.0 (1.535)	33.5 (1.318)	28.0 (1.102)	17.78 (0.7)	
24	FCN-365P024-AU	49.16 (1.935)	43.66 (1.718)	38.16 (1.502)	27.94 (1.1)	
32	FCN-365P032-AU	59.32 (2.335)	53.82 (2.118)	48.32 (1.902)	38.1 (1.5)	
40	FCN-365P040-AU	69.48 (2.735)	63.98 (2.518)	58.48 (2.302)	48.26 (1.9)	
48	FCN-365P048-AU	79.64 (3.135)	74.14 (2.918)	68.64 (2.702)	58.42 (2.3)	
56	FCN-365P056-AU	89.8 (3.535)	84.3 (3.318)	78.8 (3.102)	68.58 (2.7)	
64	FCN-365P064-AU	99.96 (3.935)	94.46 (3.718)	88.96 (3.502)	78.74 (3.1)	

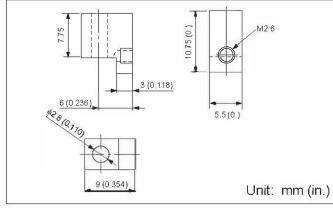
#### RIGHT-ANGLE TYPE (FOR DUAL STACKED MOUNTING [40 CONTACTS ONLY]) ■ DIMENSIONS



#### MOUTING HOLE LAYOUT



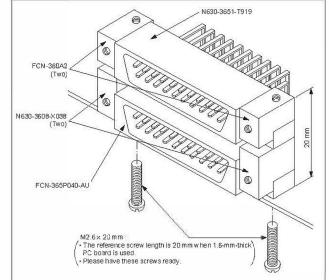
#### METAL FITTINGS FOR DUAL ROW MOUNTING



PART NUMBER

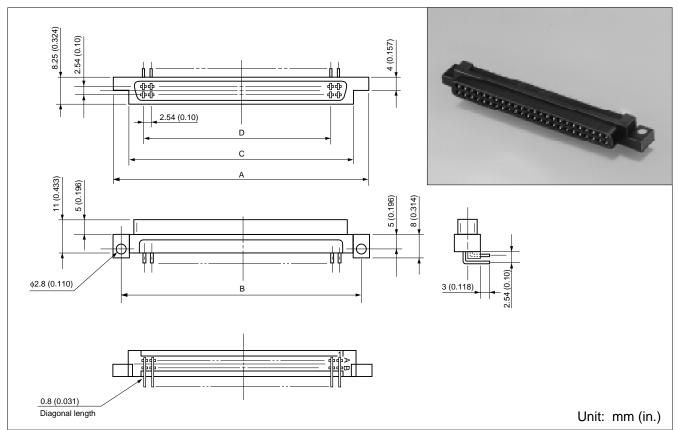
Right-angle type: N630-3651-T919 Metal fittings: N630-3608-X038

#### 

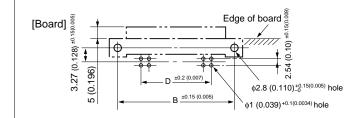


Specifications subject to change

#### RIGHT-ANGLE TYPE (JACK) ■ DIMENSIONS



#### MOUTING HOLE LAYOUT



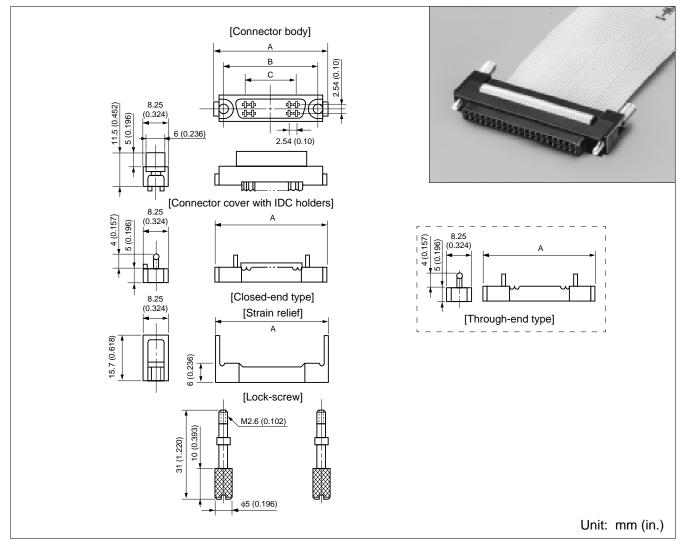
## Note on mounting a right-angle jack on a board

Mount the connector so that it projects from the board by at least 5 mm (0.197 in.).

Unit: mm (in.)

Number of	Part number		Dimension	s: mm (in.)	
contacts	Fait number	A	В	C	D
8	FCN-365J008-AU	28.84 (1.135)	23.34 (0.918)	17.84 (0.702)	7.62 (0.3)
16	FCN-365J016-AU	39.0 (1.535)	33.5 (1.318)	28.0 (1.102)	17.78 (0.7)
24	FCN-365J024-AU	49.16 (1.935)	43.66 (1.718)	38.16 (1.502)	27.94 (1.1)
32	FCN-365J032-AU	59.32 (2.335)	53.82 (2.118)	48.32 (1.902)	38.1 (1.5)
40	FCN-365J040-AU	69.48 (2.735)	63.98 (2.518)	58.48 (2.302)	48.26 (1.9)
48	FCN-365J048-AU	79.64 (3.135)	74.14 (2.918)	68.64 (2.702)	58.42 (2.3)
56	FCN-365J056-AU	89.8 (3.535)	84.3 (3.318)	78.8 (3.102)	68.58 (2.7)
64	FCN-365J064-AU	99.96 (3.935)	94.46 (3.718)	88.96 (3.502)	78.74 (3.1)

#### IDC TYPE (JACK) ■ DIMENSIONS



#### PART NUMBERS AND DIMENSIONS

Number of	Part n	umber		Dimensions: mm (in.)	
contacts	Through-end cover	Close-end cover	Α	В	D
8	FCN-367J008-AU/H	FCN-367J008-AU/F	28.84 (1.135)	23.34 (0.918)	7.62 (0.3)
16	FCN-367J016-AU/H	FCN-367J016-AU/F	39.0 (1.535)	33.5 (1.318)	17.78 (0.7)
24	FCN-367J024-AU/H	FCN-367J024-AU/F	49.16 (1.935)	43.66 (1.718)	27.94 (1.1)
32	FCN-367J032-AU/H	FCN-367J032-AU/F	59.32 (2.335)	53.82 (2.118)	38.1 (1.5)
40	FCN-367J040-AU/H	FCN-367J040-AU/FW*	69.48 (2.735)	63.98 (2.518)	48.26 (1.9)
48	FCN-367J048-AU/H	FCN-367J048-AU/F	79.64 (3.135)	74.14 (2.918)	58.42 (2.3)
56	FCN-367J056-AU/H	FCN-367J056-AU/F	89.8 (3.535)	84.3 (3.318)	68.58 (2.7)
64	FCN-367J064-AU/H	FCN-367J064-AU/F	99.96 (3.935)	94.46 (3.718)	78.74 (3.1)

\*: FC 6 J0 0 A /F is replaced y part num er FC 6 J0 0 A /FW, which indicates change of manufacturing location for this device.

### IDC TOOLS

Special IDC tools are used to assemble FCN-360 series connectors and flat cables.

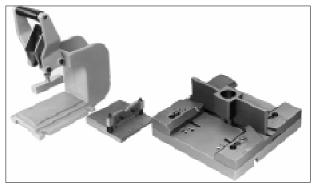
### ■ FEATURES

- The mechanisms are simple, so even novices can use them easily.
- Those who already have Fujitsu-manufactured IDC tools for other series connectors need only purchase the locator plate.

The hand press and cable cutter are designed to be used in common with all connectors.

- The assembly of cables and connectors with various numbers of contacts can be done by selective setting of the connector guides to the specified positions.
- The cable cutter has an extremely sharp cutting edge.
- Notes: A detailed operation manual and instruction manual for IDC tools are available upon request.
  - Should any question arise in using the IDC tools, consult our branch offices or agents in your area.

### ORDERING CODES FOR IDC TOOLS



Hand press Cable cutter

Locator plate (That for the 790 series is shown in the photograph.)

Tool name	Part number		
Cable cutter (common)	FCN-707T-T001/H		
Hand press (common)	FCN-707T-T101/H		
Locator plate (for 360 series connectors)	FCN-367T-T012/H		

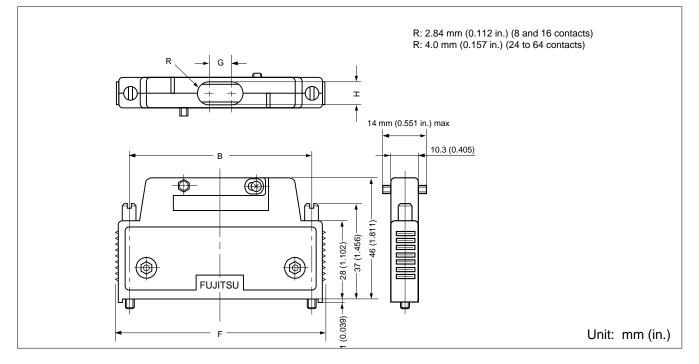
The hand press and cable cutter can be used for other IDC connectors.

## COVER COVERS AND CONNECTORS

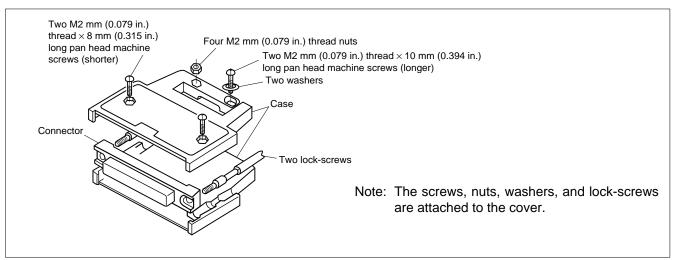
Connector	Plug		Jack				Nur	nber o	f cont	acts	Number of contacts				
Cover	Soldering	Soldering	Wire-wrapping	Crimping	8	16	24	32	40	48	56	64			
FCN-360C	0	0	0	0	0	0	0	0	0	0	0	0			
FCN-360C	0	0	0	0	0	0	0	0	0	0	0	0			
FCN-360C	0	0	0	0					0	0	0	0			
FCN-360C	0	0	0	0	0	0	0	0	0	0	0	0			
FCN-360C064-F	0	0	0	0								0			
FCN-360C040-G1	0	0	0	0					0						
FCN-360C040-H/E	0	0							0						
FCN-360C040-J1	0	0							0						

These covers cannot be used for IDC connectors.

#### COVER (TYPE B) ■ DIMENSIONS

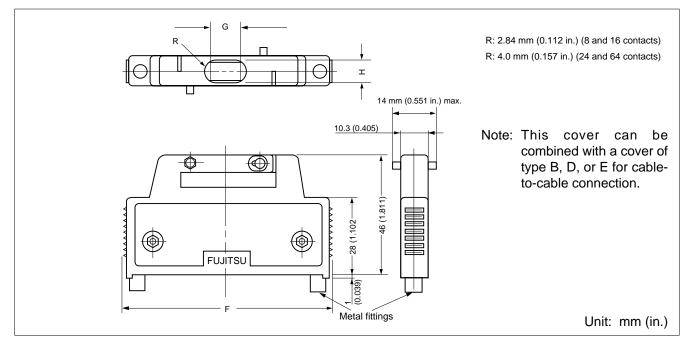


#### EXPLODED VIEW

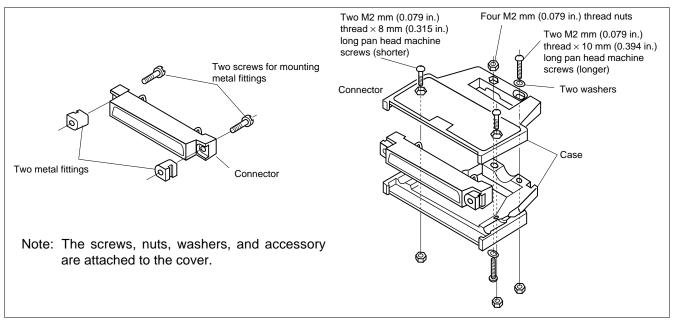


Number of	Part number		Dimensions: mm (in.)				
contacts	Fait number	В	F	G	н		
8	FCN-360C008-B	23.34 (0.918)	32.08 (1.262)	—	φ 5.7 (0.224)		
16	FCN-360C016-B	33.50 (1.318)	42.24 (1.662)	—	φ 5.7 (0.224)		
24	FCN-360C024-B	43.66 (1.718)	52.40 (2.062)	—	φ 8.0 (0.314)		
32	FCN-360C032-B	53.82 (2.118)	62.56 (2.462)	2.0 (0.078)	8.0 (0.314)		
40	FCN-360C040-B	63.98 (2.518)	72.72 (2.862)	6.0 (0.236)	8.0 (0.314)		
48	FCN-360C048-B	74.14 (2.918)	82.88 (3.262)	10.0 (0.393)	8.0 (0.314)		
56	FCN-360C056-B	84.30 (3.318)	93.04 (3.662)	14.0 (0.551)	8.0 (0.314)		
64	FCN-360C064-B	94.46 (3.718)	103.20 (4.062)	18.0 (0.708)	8.0 (0.314)		

#### COVER FOR CABLE TO CABLE CONNECTION (TYPE C) ■ DIMENSIONS

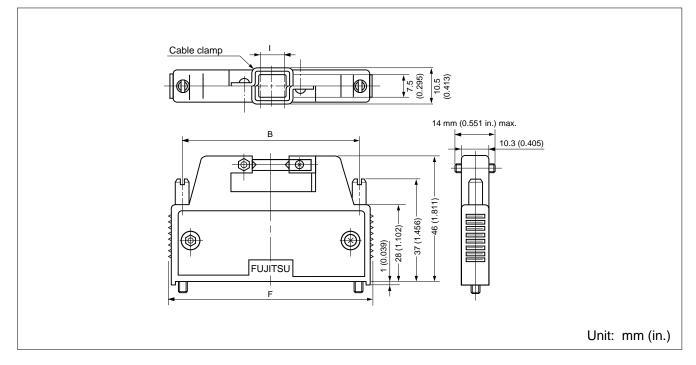


#### EXPLODED VIEW

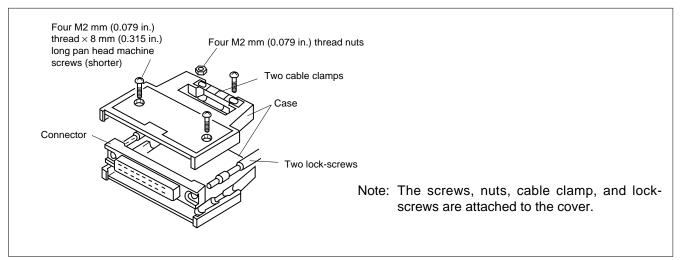


Number of	Part number			
contacts	ntacts F		G	н
8	FCN-360C008-C	32.08 (1.262)	_	¢ 5.7 (0.224)
16	FCN-360C016-C	42.24 (1.662)	_	¢ 5.7 (0.224)
24	FCN-360C024-C	52.40 (2.062)	—	φ 8.0 (0.314)
32	FCN-360C032-C	62.56 (2.462)	2.0 (0.078)	8.0 (0.314)
40	FCN-360C040-C	72.72 (2.862)	6.0 (0.236)	8.0 (0.314)
48	FCN-360C048-C	82.88 (3.262)	10.0 (0.393)	8.0 (0.314)
56	FCN-360C056-C	93.04 (3.662)	14.0 (0.551)	8.0 (0.314)
64	FCN-360C064-C	103.20 (4.062)	18.0 (0.708)	8.0 (0.314)

#### COVER (WIDE OPENING TYPE) (TYPE D) ■ DIMENSIONS

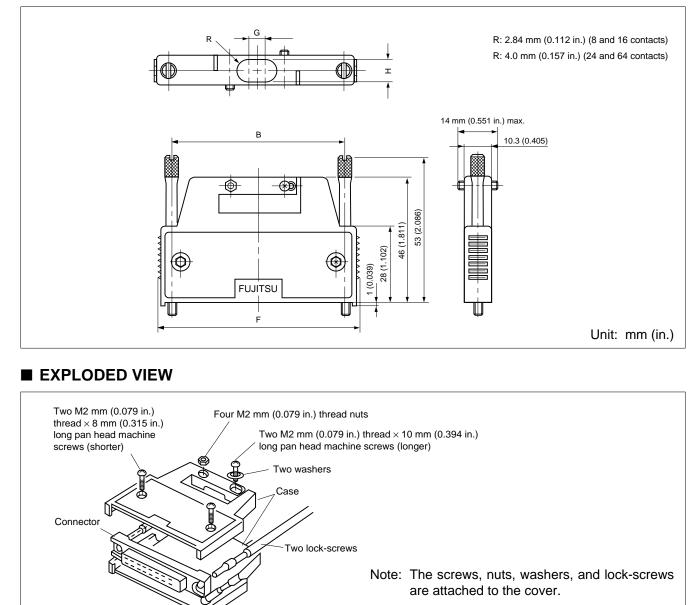


#### EXPLODED VIEW



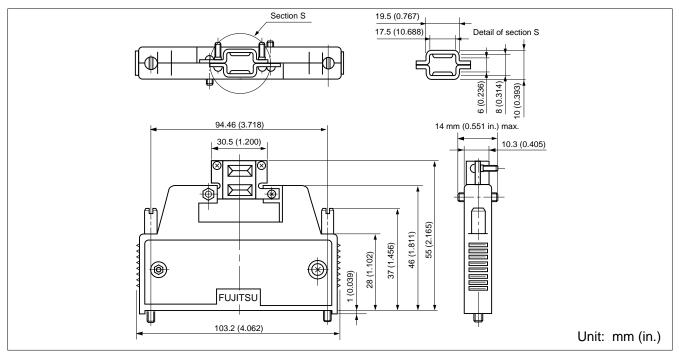
Number of	Part number		Dimensions: mm (in.)	
contacts	Fait number	В	F	
40	FCN-360C040-D	63.98 (2.518)	72.72 (2.862)	8.0 (0.314)
48	FCN-360C048-D	74.14 (2.918)	82.88 (3.262)	12.0 (0.472)
56	FCN-360C056-D	84.30 (3.318)	93.04 (3.662)	16.0 (0.629)
64	FCN-360C064-D	94.46 (3.718)	103.20 (4.062)	20.0 (0.789)

#### COVER (LONG-SCREW TYPE) (TYPE E) ■ DIMENSIONS

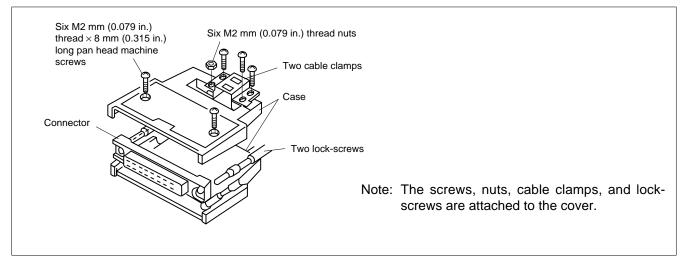


Number of	Part number		Dimensions: mm (in.)					
contacts	Fait number	В	F	G	н			
8	FCN-360C008-E	23.34 (0.918)	32.08 (1.262)	—	φ 5.7 (0.224)			
16	FCN-360C016-E	33.50 (1.318)	42.24 (1.662)	—	φ 5.7 (0.224)			
24	FCN-360C024-E	43.66 (1.718)	52.40 (2.062)	—	φ 8.0 (0.314)			
32	FCN-360C032-E	53.82 (2.118)	62.56 (2.462)	2.0 (0.078)	8.0 (0.314)			
40	FCN-360C040-E	63.98 (2.518)	72.72 (2.862)	6.0 (0.236)	8.0 (0.314)			
48	FCN-360C048-E	74.14 (2.918)	82.88 (3.262)	10.0 (0.393)	8.0 (0.314)			
56	FCN-360C056-E	84.30 (3.318)	93.04 (3.662)	14.0 (0.551)	8.0 (0.314)			
64	FCN-360C064-E	94.46 (3.718)	103.20 (4.062)	18.0 (0.708)	8.0 (0.314)			

#### COVER (STRAIGHT CABLE-OUT COVER) (TYPE F) ■ DIMENSIONS



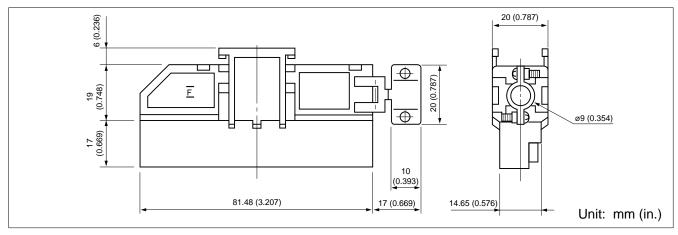
#### EXPLODED VIEW



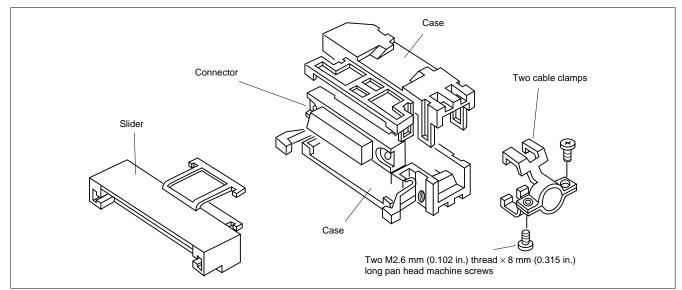
#### PART NUMBER

FCN-360C064-F

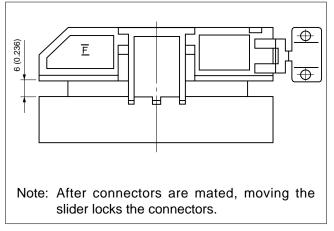
#### COVER (RIGHT ANGLE CABLE-OUT COVER) (TYPE G1) ■ DIMENSIONS



#### EXPLODED VIEW



#### LOCKED STATE

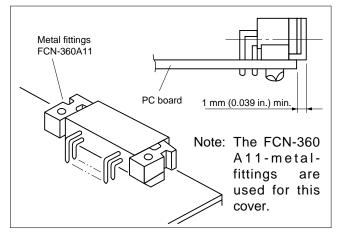


#### PART NUMBER

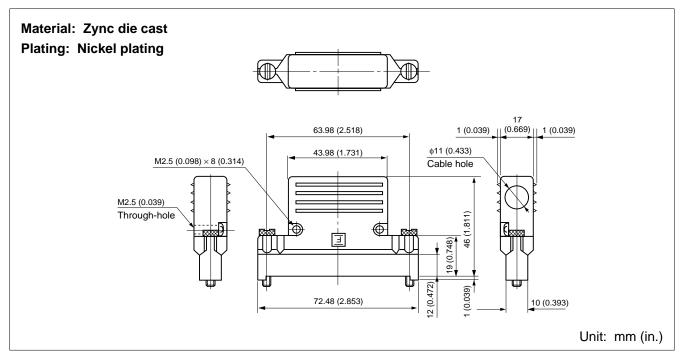
FCN-360C040-G1

## Specifications subject to change

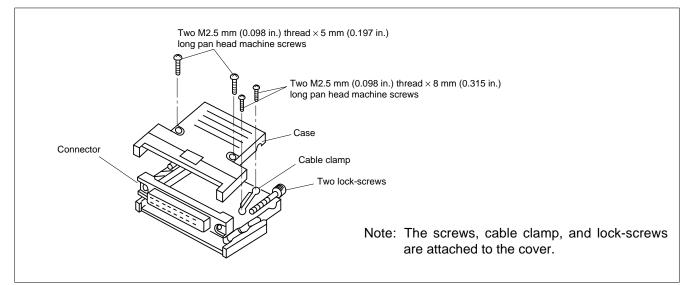
#### METAL FITTINGS



#### COVER (RIGHT ANGLE CABLEOUT COVER) (TYPE H/E) ■ DIMENSIONS



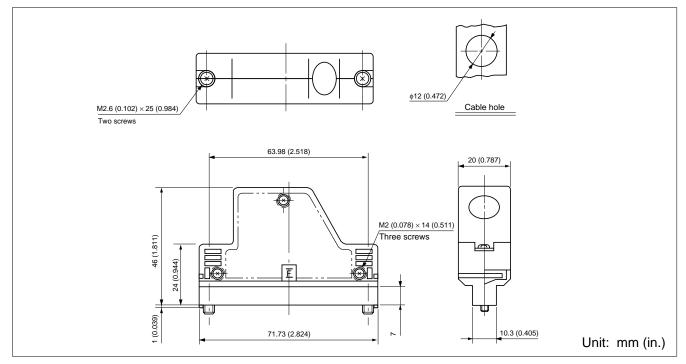
#### EXPLODED VIEW



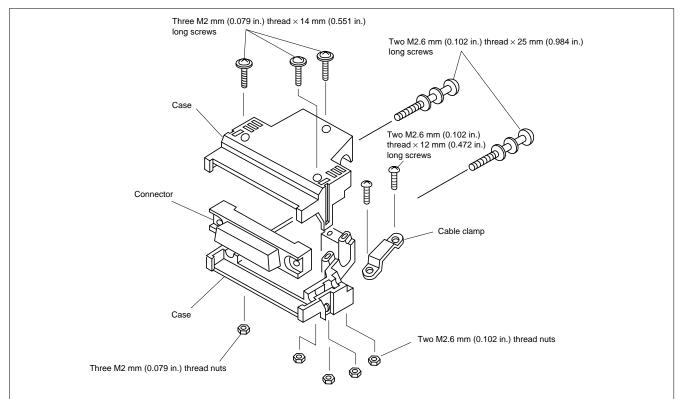
#### PART NUMBER

FCN-360C040-H/E

#### COVER (OBTUSE ANGLE CABLE-OUT COVER (40 CONTACTS ONLY)) (TYPE J1) ■ DIMENSIONS



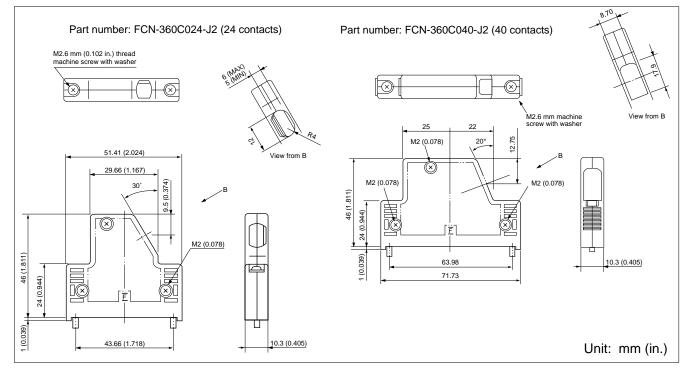
#### ■ EXPLODED VIEW



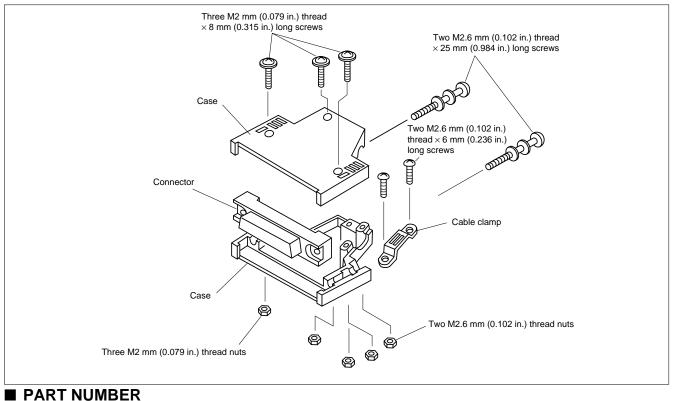
### PART NUMBER

FCN-360C040-J1

#### LOW PROFILE COVER (OBTUSE ANGLE CABLE -OUT) (TYPE J2) DIMENSION

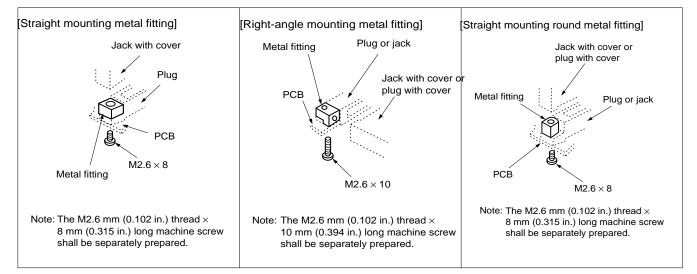


#### ■ EXPLODED VIEW



FCN-360C024-J2 FCN-360C040-J2

## ACCESSORIES MOUNTING SYLE



#### SELECTION OF METAL FITTINGS ACCORDING TO COMBINATION OF CONNECTORS AND COVERS

$\square$		Jack		Cover mounting side								
			361J		36	2J	36	3J	36	4J	36	7J
Plug			With cover	Without cover	With cover	Without cover	With cover	Without cover	With cover	Without cover	With cover	Without cover
Matal	361P		FCN-360A4	FCN-360A5	FCN-360A4	FCN-360A5	FCN-360A4	FCN-360A5	FCN-360A4	FCN-360A5	_	FCN-360A5
Metal fitting	362P	Metal fitting part	FCN-360A1	FCN-360A6	FCN-360A1	FCN-360A6	FCN-360A1	FCN-360A6	FCN-360A1	FCN-360A6	_	FCN-360A6
mounting side	364P	number	FCN-360A1	FCN-360A6	FCN-360A1	FCN-360A6	FCN-360A1	FCN-360A6	FCN-360A1	FCN-360A6	_	FCN-360A6
	365P	1	FCN-360A2	FCN-360A3	FCN-360A2	FCN-360A3	FCN-360A2	FCN-360A3	FCN-360A2	FCN-360A3	_	FCN-360A3

		Plug	Cover mounting side						
			36	1P	36	1P	36	4P	
Jack			With cover	Without cover	With cover	Without cover	With cover	Without cover	
	361J		FCN-360A4	FCN-360A5	—	FCN-360A7	_	FCN-360A7	
	362J		FCN-360A4	FCN-360A5	—	FCN-360A7	_	FCN-360A7	
Metal fitting	363J	Metal	FCN-360A4	FCN-360A5	—	FCN-360A7	_	FCN-360A7	
mounting	364J	fitting part number	FCN-360A4	FCN-360A5	—	FCN-360A7	_	FCN-360A7	
side	365J		FCN-360A10 (FCN-360A8)	FCN-360A9		FCN-360A9	_	FCN-360A9	
	367J		FCN-360A4	FCN-360A5	—	FCN-360A7		FCN-360A7	

Note: When the jack or plug without a cover (shaded part) is used, have  $M2.6 \times 8$  mm machine screws ready inorder to tighten the connector.

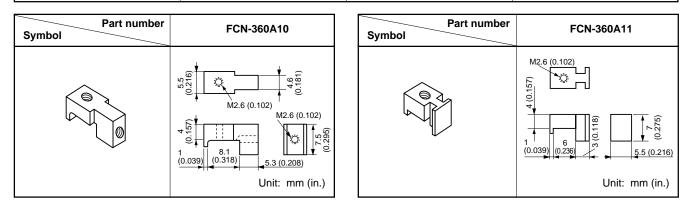
#### SHAPES AND DIMENSIONS OF METAL FITTINGS 1.Straight Mounting Metal Fittings

Shape	Part number Symbol	FCN-360A1	FCN-360A6
$\begin{array}{c} \begin{array}{c} & \text{M2.6 (0.102)} \\ \hline \\ $	A	5.3 (0.208)	6.3 (0.248)

#### 2.Right-angle Mounting Metal Fittings

Shape	Part number Symbol	FCN-360A2	FCN-360A3
M2.6 (0.102) (9) (2) (2) (2) (2) (2) (2) (2) (2	В	3 (0.118)	4 (0.157)
(0.216) Unit: mm (in.)	С	9 (0.354)	10 (0.393)

Shape	Part number Symbol	FCN-360A8	FCN-360A9
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ $	В	5.3 (0.208)	6.3 (0.248)
	С	13.3 (0.523)	14.3 (0.526)



#### 3. Straight Mounting Round Metal Fittings

Shape	Part number Symbol	FCN-360A4	FCN-360A5	FCN-360A7
M2.6 (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102) (0.102)	D	7.1(0.279)	9.9 (0.389)	8.1 (0.318)

#### Contact

#### Japan

FUJITSU COMPONENT LIMITED Shinagawa Seaside Park Tower 12-4, Higashi-shinagawa 4-chome, Tokyo 140 0002, Japan Tel: (81-3) 3450-1681 Fax: (81-3) 3474-2385 Email: fcl-contact@cs.jp.fujitsu.com Web: www.fujitsu.com/jp/group/fcl/en/

#### North and South America

FUJITSU COMPONENTS AMERICA, INC. 2290 North First Street, Suite 212 San Jose, CA 95131 U.S.A. Tel: (1-408) 745-4900 Fax: (1-408) 745-4970 Email: components@us.fujitsu.com Web: http://us.fujitsu.com/components/

#### Еигоре

FUJITSU COMPONENTS EUROPE B.V. Diamantlaan 25 2132 WV Hoofddorp Netherlands Tel: (31-23) 5560910 Fax: (31-23) 5560950 Email: info@fceu.fujitsu.com Web: emea.fujitsu.com/components/

#### Asia Pacific

FUJITSU COMPONENTS ASIA, Ltd. 102E Pasir Panjang Road #01-01 Citilink Warehouse Complex, Singapore 118529 Tel: (65) 6375-8560 / Fax: (65) 6273-3021 Email: fcal@sg.fujitsu.com www.fujitsu.com/sg/products/devices/ components/

#### China

FUJITSU ELECTRONIC COMPONENTS (SHANGHAI) CO., LTD. Unit 4306, InterContinental Center 100 Yu Tong Road, Shanghai 200070, China Tel: (86 21) 3253 0998 /Fax: (86 21) 3253 0997 Email: fcal@sg.fujitsu.com www.fujitsu.com/sg/products/devices/ components/

#### Hong Kong

FUJITSU COMPONENTS HONG KONG Co., Ltd. Room 06, 28/F, Greenfield Tower, Concordia Plaza, No.1 Science Museum Road, Tsim Sha Tsui East, Kowloon, Hong Kong Tel: (852) 2881 8495 Fax: (852) 2894 9512 Email: fcal@sg.fujtsu.com www.fujtsu.com/sg/products/devices/ components/

#### Когеа

FUJITSU COMPONENTS KOREA, LTD. Alpha Tower #403, 645 Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, 13524 Korea Tel: (82 31) 708-7108 Fax: (82 31) 709-7108 Email: fcal@sg.fujitsu.com www.fujitsu.com/sg/products/ devices/components/

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