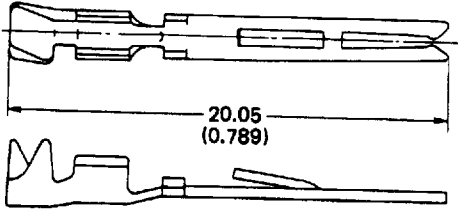


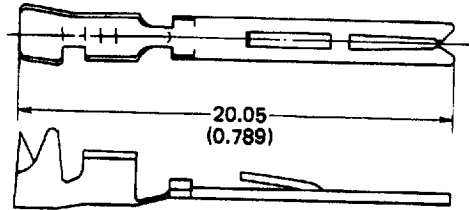
CRIMP FEMALE CONTACT AND TOOLING

DIMENSIONS

Standard



For thick wires

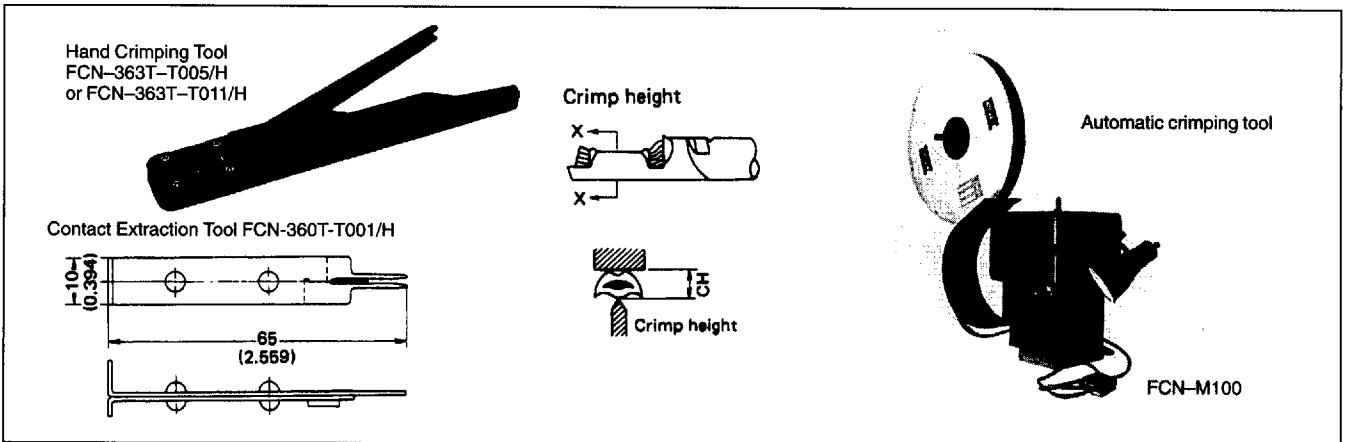


	Plating	Standard	Thick wire
Loose Piece	gold over palladium	FCN-363J-AU	FCN-363J-AU/S
	silver plating	FCN-363J-AG	FCN-363J-AG/S
Strip Form	gold over palladium	FCN-363J-AU/R	FCN-363J-AU/T
	silver plating	FCN-363J-AG/R	FCN-363J-AG/T

CRIMPING TOOL DESIGNATION

Designation	Contact	Wire Size	Wire Cross-Section	Crimp height	Insulator thickness	Stripped Wire length
FCN-363T-T005 H (Manual)	FCN-363J-□ (Loose piece)	AWG#24	0.20~0.24	1.25~1.30	∅1.2AX	3.0~4.0
FCN-M110 (Press)	FCN-363J-□/R Strip form	AWG#26	0.13~0.16	1.20~1.25		
FCN-A105 (Applicator)	Designator □ AG or AU	AWG#28	0.088~0.096	1.15~1.20		
FCN-363T-T011 H (Manual)	FCN-363J-□/S (Loose piece)	AWG#22	0.30~0.40	0.85~0.95	∅0.9~1.8	3.0~4.0
FCN-M110 (Press)	FCN-363J-□/T Strip form	AWG#24	0.20~0.24	0.75~0.85		
FCN-A111 (Applicator)	Designator □ AG or AU	AWG#26	0.13~0.16	0.73~0.81		

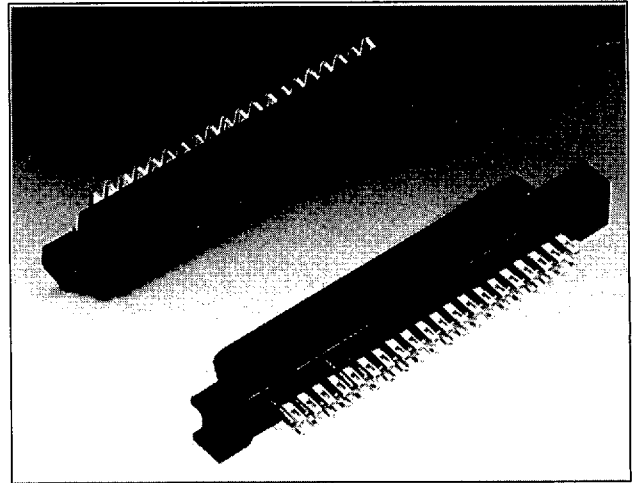
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FCN-360

Series Connectors

- Multi-purpose**
 Available termination methods include soldering, wire-wrapping, crimping, dip soldering, and IDC. You can select plug and jack combinations from a wide range.
- Compact and high-density**
 High-density mounting is possible because the contact spacing between rows and adjacent contacts is 2.54 mm (0.100 in.).
- Sturdy plastic shell polarization**
 A sturdy plastic shell has been adopted to ensure correct insertion and to protect contacts.
- Superior cost-performance**
 This connector gives superior cost performance because of its excellent design automated production lines, and selective plating.



SPECIFICATIONS

Temperature Range	-25 to +105°C	
Current Rating	3 ADC (1 A for IDC)	
Voltage Rating	250 VAC	
Contact Resistance	15 mΩ max. (6 VDC, 0.3 A)	
Insulation Resistance	1,000 MΩ min. (500 VDC)	
Dielectric Withstand Voltage	500 VAC for 1 min.	
Insertion Force	2.5 kg max. (8 ways), 20 kg max. (64 ways)	
Withdrawal Force	0.3 kg min. (8 ways), 2.3 kg min. (64 ways)	
Termination	Solder-eyelet	Ø0.60 (0.024) max., AWG #23 max.
	Wire-wrap	Ø0.32 (0.013) to Ø0.26 (0.01), AWG #28 to #30
	Crimp	Standard contact: #0.51 (0.02) to Ø0.32 (0.013), AWG #24 to #28, max. thickness of insulator Ø1.2 (0.047) max. Contact for thick wire: Ø0.64 (0.025) to Ø0.32 (0.013), AWG #22 to #28, max. thickness of insulator Ø1.7 (0.067) max.
	IDC	Flat cable: 1.27 mm (0.05 in.) pitch, AWG #28 (stranded wire), AWG #30 (solid wire)

MATERIALS

Contact	Phosphor bronze (spring grade)
Insulator	PBT
Contact Plating	Gold over palladium plated contact with tin plated terminal; Silver plated contact with silver plated terminal