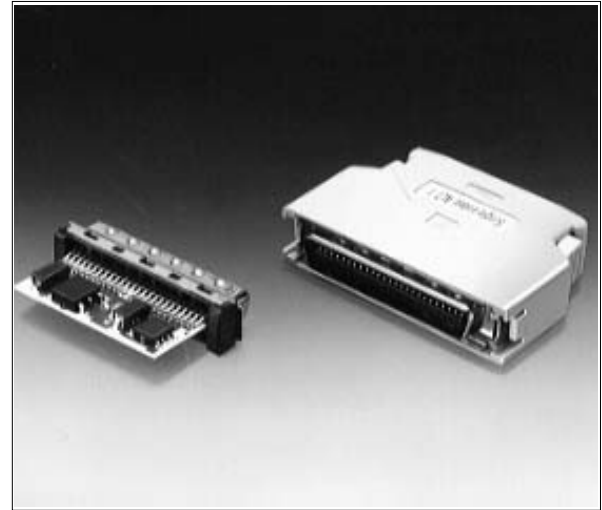


FOR BOARD-TO-CABLE CONNECTION

240R SERIES (WITH TERMINATING RESISTOR)

■ FEATURES

- Small, lightweight connectors with hybrid IC resistors
- Connectors and resistors are housed in a metal innercover and plastic outercover (dual cover), providing EMI shielding and ESD protection.
- One-touch lock structure provides easy connection.
- The resistor circuits conform to ANSI X3T9 SCSI-2 Working Draft Revision 12C.



■ MATERIALS AND PLATING

Part number	Materials and plating
Insulator	PPS resin
Conductor materials (plating)	Copper alloy (gold plating)
Shell (plating)	Steel (nickel plating)
Cover (plating)	Metal cover (nickel plating) ABS resin

■ TYPES AND SPECIFICATIONS

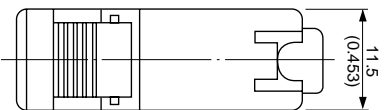
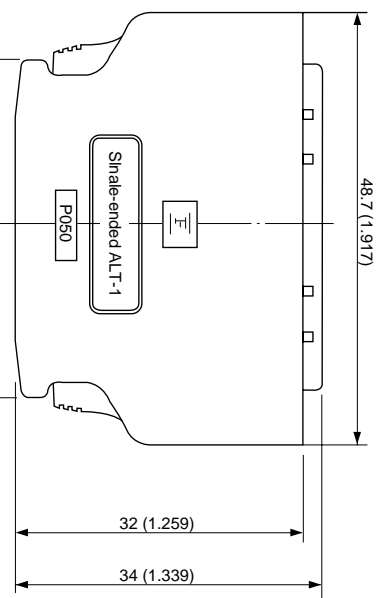
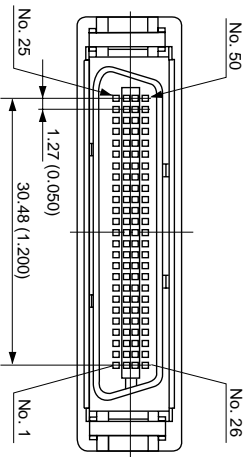
	Single-ended		Differential
	Alternative 1	Alternative 2 (Including voltage control circuit)	
Part number	FCN-249P050-G/E	FCN-249P050-G/C	FCN-249P050-G/D
Operating temperature range	-40°C to +85°C	0°C to +50°C	-25°C to +70°C
Rated current (connector)	DC 1 A	DC 1 A	DC 1 A
Rated voltage (connector)	AC 240 V	AC 240 V	DC 240 V
Operating voltage (TERMPWR)	DC 4.25 to 5.25 V		DC4.0 to 5.25 V

240R Series (With Terminating Resistor)

SINGLE-ENDED ALTERNATIVE 1 TYPE

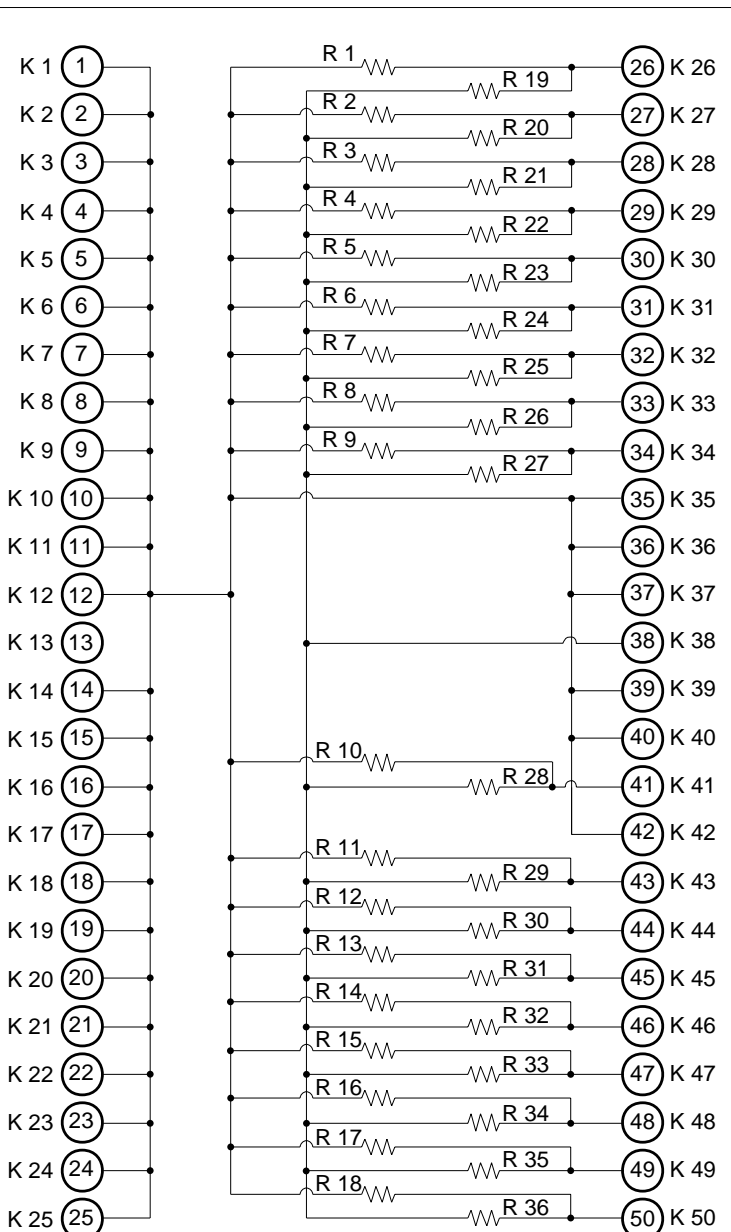
DIMENSIONS

Part number: FCN-249P050-G/E



Unit: mm (in.)

WIRING DIAGRAM

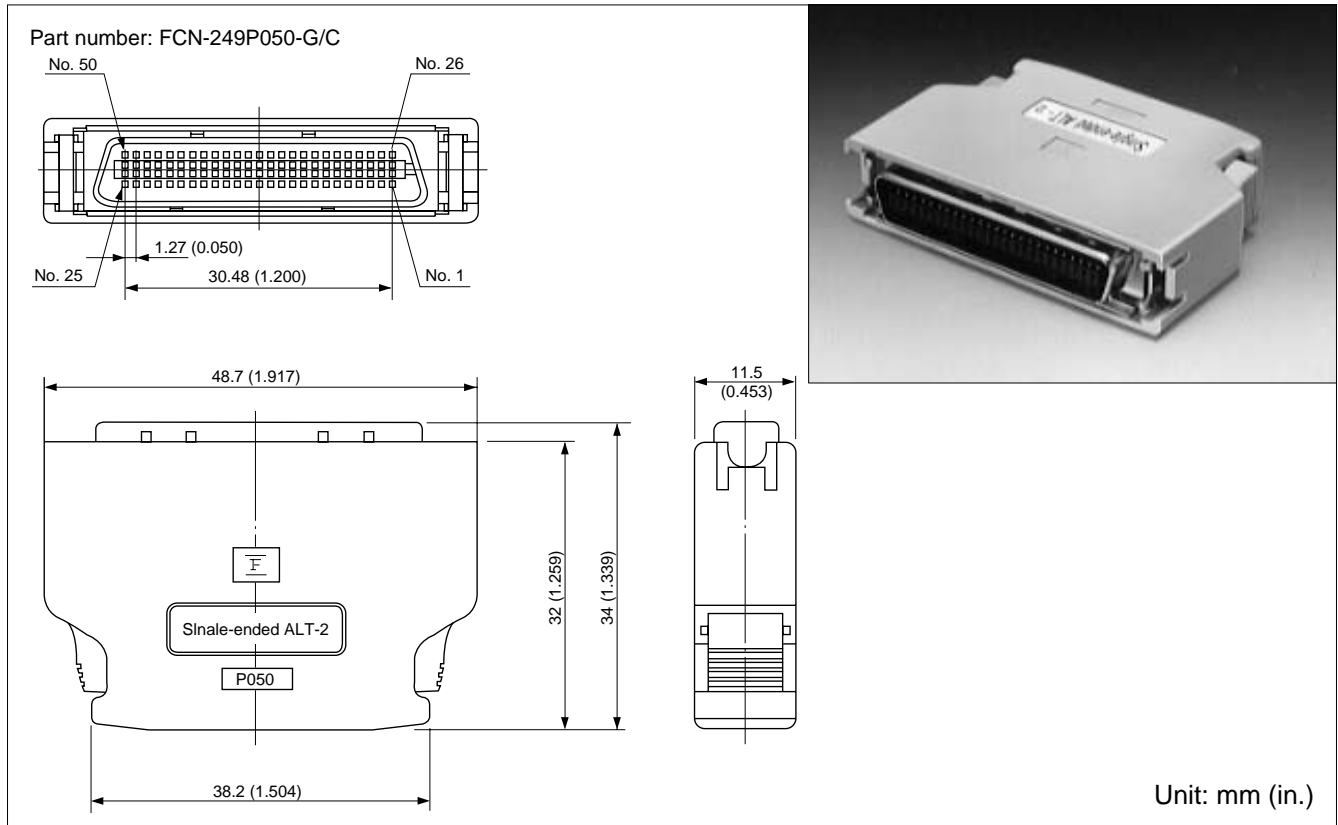


R 1 ~ R 18 : 330 Ω ±5% 125 mW
 R 19 ~ R 36 : 220 Ω ±5% 125 mW

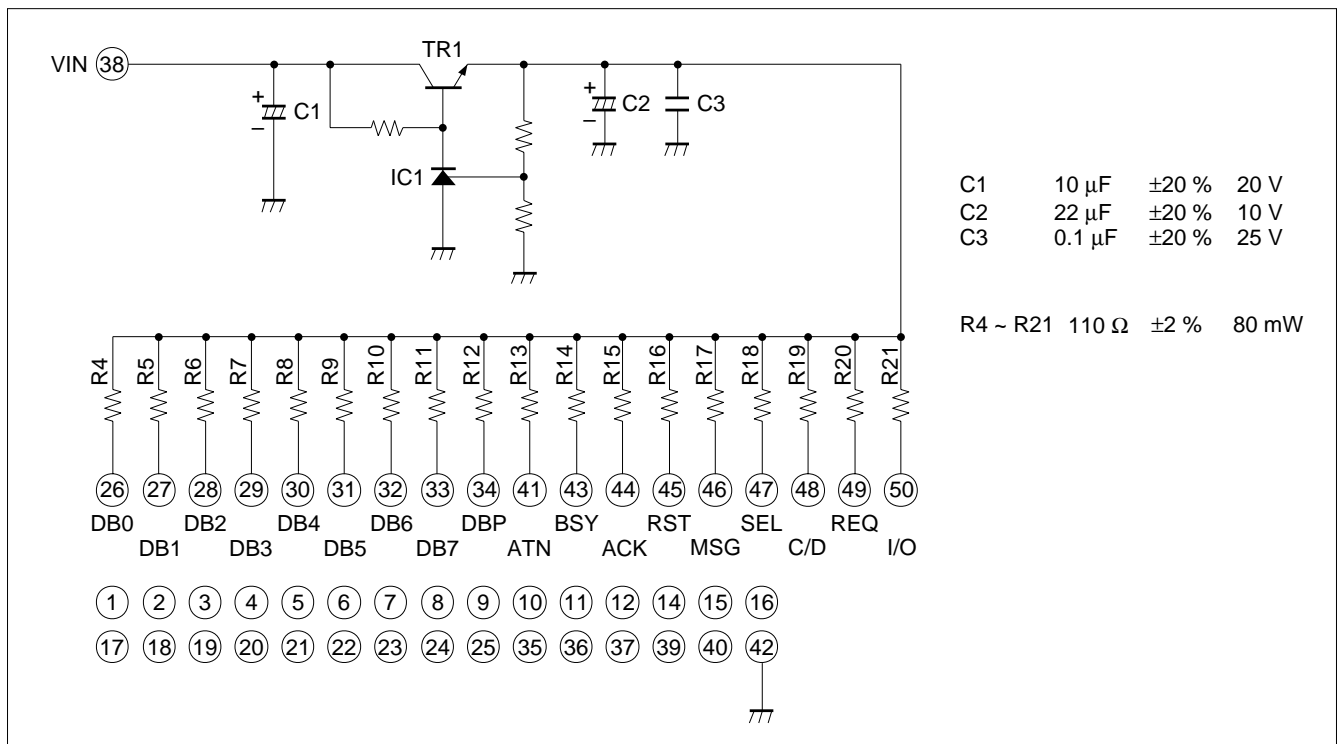
240R Series (With Terminating Resistor)

SINGLE-ENDED ALTERNATIVE 2 WITH VOLTAGE CONTROL CIRCUIT TYPE

■ DIMENSIONS



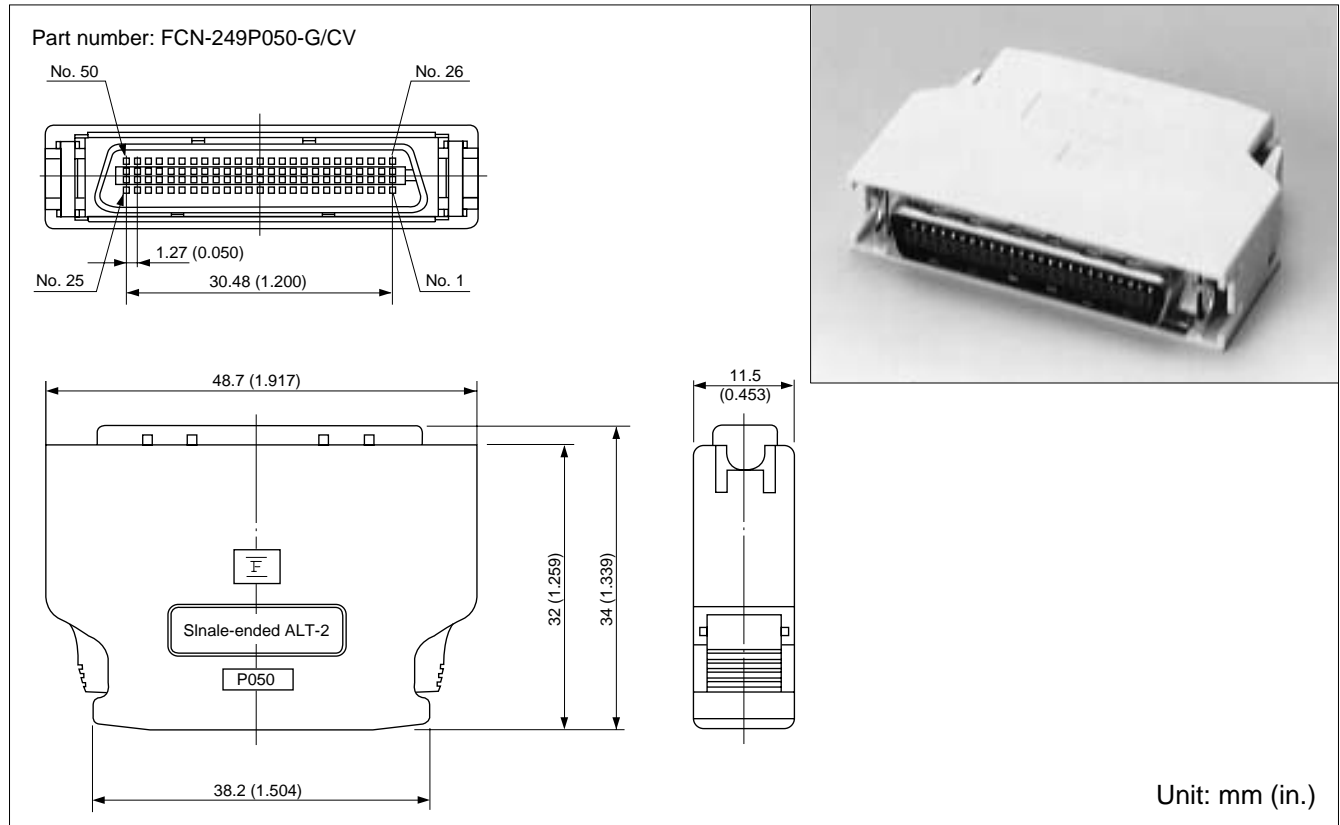
■ WIRING DIAGRAM



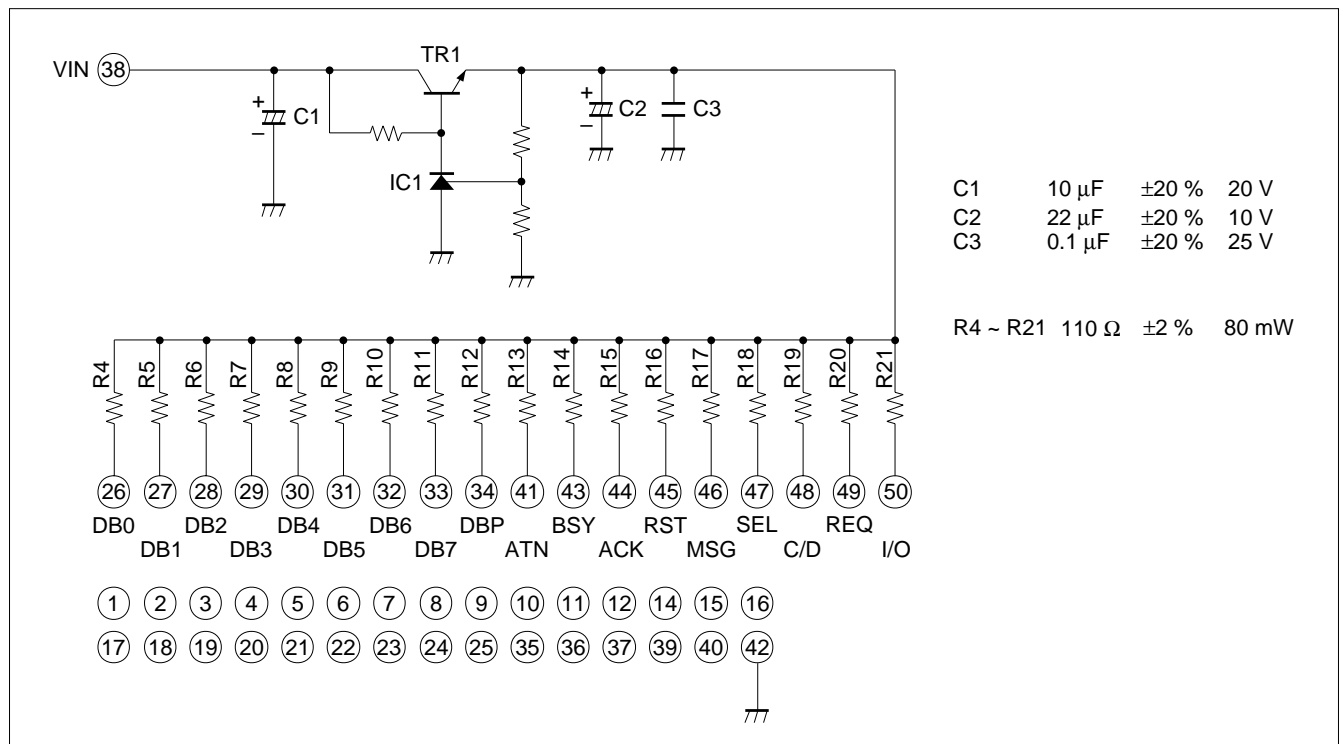
240R Series (With Terminating Resistor)

SINGLE-ENDED ALTERNATIVE 2 WITH VOLTAGE CONTROL CIRCUIT TYPE

■ DIMENSIONS



■ WIRING DIAGRAM

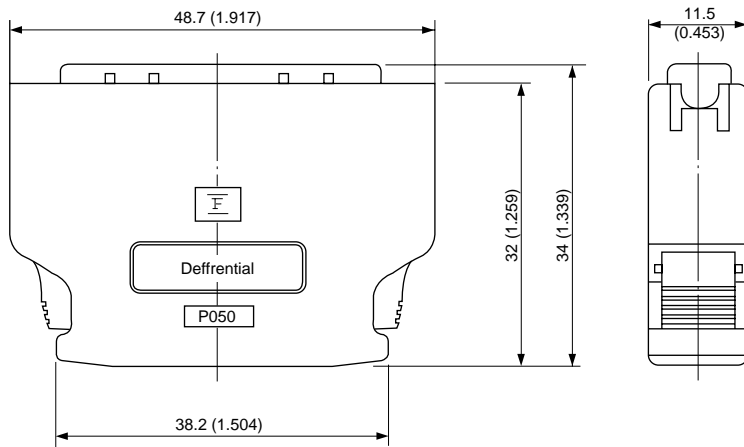
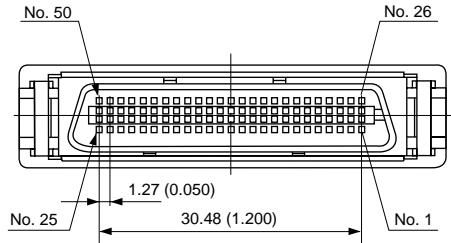


240R Series (With Terminating Resistor)

DIFFERENTIAL TYPE

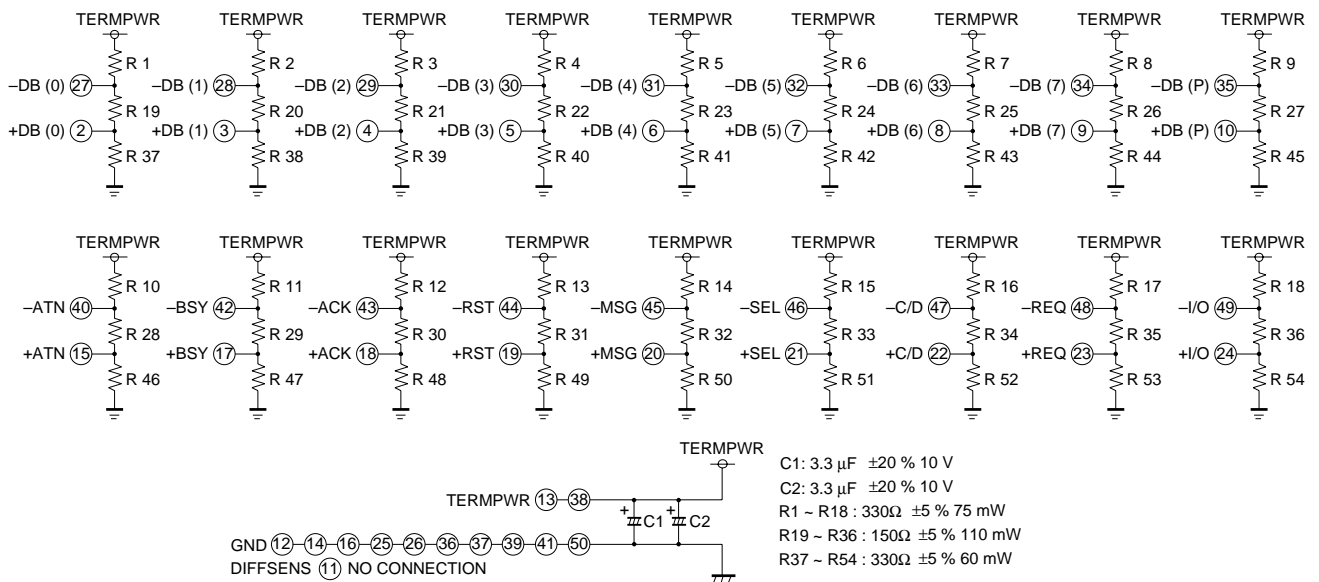
■ DIMENSIONS

Part number: FCN-249P050-G/D



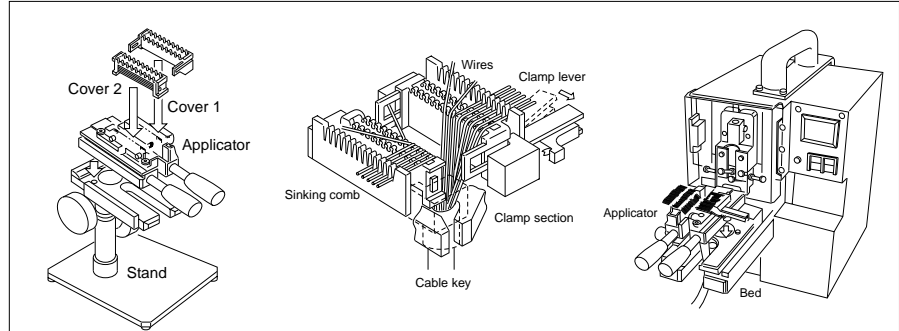
Unit: mm (in.)

■ WIRING DIAGRAM



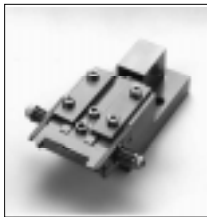
240R Series (With Terminating Resistor)

Semi-Automatic Tools Cable Aligning Machine Main Body (FCN-M551-120, FCN-M551-220)



1. Set the applicator on the stand. Set covers 1 and 2 in the applicator.
2. Push the wire into the sinking combs.
3. Set the applicator onto the installation table and begin cable alignment

Head (FCN-H550-1/A)



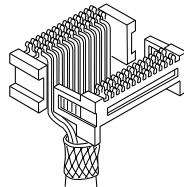
Stand (FCN-D550)



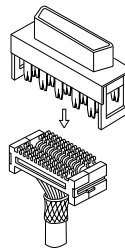
Applicator (FCN-A550-1/A-xxx)



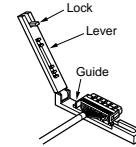
IDC Tool (FCN-237T-T109/H,
FCN-237T-T067/H locator)



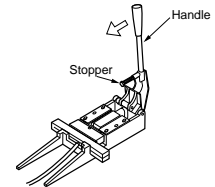
4. Take the covers off the applicator.



5. Put covers together and pre-assemble them to the connector body.



6. Conduct final assembly as shown.



Pos No.	Applied Wire (wire Dia.: mm)	Connector Part number	Cable Aligner		IDC Tool
			Hand Tool	Semi-Auto	
20 68	#28 or #30 (0.8 to 0.88)	FCN-237R020-G/F FCN-237R068-G/F	FCN-237T-T062/H FCN-237t-t043/H	(See below*)	HAND PRESS: FCN-237T-T109/H HEAD & Locator: FCN-237T-T067/H
	#28 or #30 (0.5 to 0.65)	FCN-237R020-G/E FCN-237R068-G/E			

Semi-automatic-Medium Level
 Body: :FCN-M551-120
 Head Assembly: :FCN-H550
 Applicator: :FCN-A550-1/A-***(***: 020, 028, 036, 050, 068, 080)
 Stand: :FCN-D550