



## Разъемы SCSI серии FCN-239P, FCN249P, FCN-789P

### Технические характеристики

<b>Архангельск</b> (8182)63-90-72	<b>Ижевск</b> (3412)26-03-58	<b>Магнитогорск</b> (3519)55-03-13	<b>Пермь</b> (342)205-81-47	<b>Сургут</b> (3462)77-98-35
<b>Астана</b> (7172)727-132	<b>Иркутск</b> (395)279-98-46	<b>Москва</b> (495)268-04-70	<b>Ростов-на-Дону</b> (863)308-18-15	<b>Тверь</b> (4822)63-31-35
<b>Астрахань</b> (8512)99-46-04	<b>Казань</b> (843)206-01-48	<b>Мурманск</b> (8152)59-64-93	<b>Рязань</b> (4912)46-61-64	<b>Томск</b> (3822)98-41-53
<b>Барнаул</b> (3852)73-04-60	<b>Калининград</b> (4012)72-03-81	<b>Набережные Челны</b> (8552)20-53-41	<b>Самара</b> (846)206-03-16	<b>Тула</b> (4872)74-02-29
<b>Белгород</b> (4722)40-23-64	<b>Калуга</b> (4842)92-23-67	<b>Нижний Новгород</b> (831)429-08-12	<b>Санкт-Петербург</b> (812)309-46-40	<b>Тюмень</b> (3452)66-21-18
<b>Брянск</b> (4832)59-03-52	<b>Кемерово</b> (3842)65-04-62	<b>Новокузнецк</b> (3843)20-46-81	<b>Саратов</b> (845)249-38-78	<b>Ульяновск</b> (8422)24-23-59
<b>Владивосток</b> (423)249-28-31	<b>Киров</b> (8332)68-02-04	<b>Новосибирск</b> (383)227-86-73	<b>Севастополь</b> (8692)22-31-93	<b>Уфа</b> (347)229-48-12
<b>Волгоград</b> (844)278-03-48	<b>Краснодар</b> (861)203-40-90	<b>Омск</b> (3812)21-46-40	<b>Симферополь</b> (3652)67-13-56	<b>Хабаровск</b> (4212)92-98-04
<b>Вологда</b> (8172)26-41-59	<b>Красноярск</b> (391)204-63-61	<b>Орел</b> (4862)44-53-42	<b>Смоленск</b> (4812)29-41-54	<b>Челябинск</b> (351)202-03-61
<b>Воронеж</b> (473)204-51-73	<b>Курск</b> (4712)77-13-04	<b>Оренбург</b> (3532)37-68-04	<b>Сочи</b> (862)225-72-31	<b>Череповец</b> (8202)49-02-64
<b>Екатеринбург</b> (343)384-55-89	<b>Липецк</b> (4742)52-20-81	<b>Пенза</b> (8412)22-31-16	<b>Ставрополь</b> (8652)20-65-13	<b>Ярославль</b> (4852)69-52-93
<b>Иваново</b> (4932)77-34-06	<b>Киргизия</b> (996)312-96-26-47	<b>Казахстан</b> (772)734-952-31	<b>Таджикистан</b> (992)427-82-92-69	

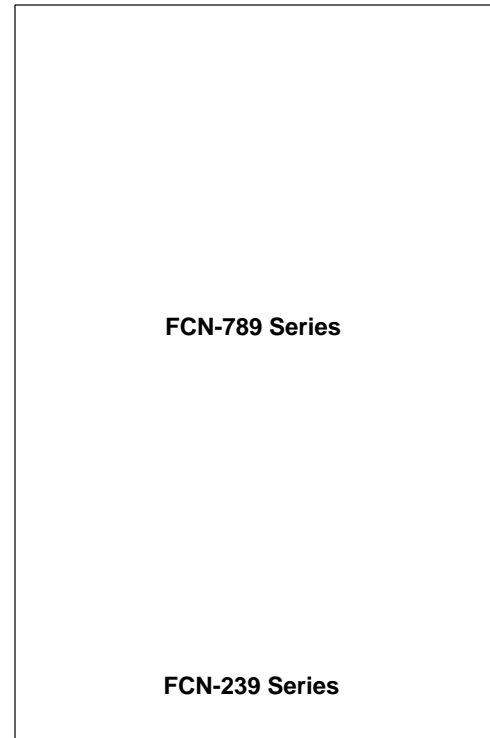
Единый адрес для всех регионов: [fst@nt-rt.ru](mailto:fst@nt-rt.ru) || [www.fujitsu.nt-rt.ru](http://www.fujitsu.nt-rt.ru)

# FCN-239P\*\*\*-G/\*, FCN249P\*\*\*-G/\*, FCN-789P\*\*\*-L/\*

## SCSI Interface Terminator Connectors

Fujitsu's new terminator connectors have been designed for use with the industry-standard Small Computer System Interface (SCSI) bus. There are three series of connectors: (1) the FCN-789 series with a standard 50-pin ribbon plug; (2) the FCN-239 series with a 50-pin half-pitch (1.27 mm) connector, and the FCN-239 series with a 68-pin half-pitch (1.27 mm) connector, which has been added in response to the new SCSI-II standard.

- Matable with SCSI II, SCSI III PCB-mount socket connector
- One-touch lock mechanism
- Complete EMI protection by die-cast zinc cover (nickel-plated ABS for FCN789)
- Compliance to SCSI standards set forth by American National Standards Institute (ANSI).



### SPECIFICATIONS

Part Number	FCN-789P050-L/A FCN-239P050-G/E FCN-249P050-G/C	FCN-789P050-L/C FCN-239P050-G/C FCN-249P050-G/C	FCN-789P050-L/D FCN-239P050-G/D FCN-249P050-G/D
Operating Temperature	-40 to +85 °C	0 to +50 °C	-25 to +70 °C
Rated Current	1 ADC	1 ADC	1 ADC
Rated Voltage	250 VAC	250 VAC	250 VAC
Operating Voltage	4.25 to 5.25 VDC	4.25 to 5.25 VDC	4.0 to 5.25 VDC
Insulation Resistance (connector)	1000 MΩ min. (between FG signal)	1000 MΩ min. (between FG signal)	1000 MΩ min. (between FG signal)
Dielectric Strength (connector)	300 VAC for 1 min. (between FG signal)	300 VAC for 1 min. (between FG signal)	300 VAC for 1 min. (between FG signal)
SCSI Transmission Electrical Condition	Single-end Alternative 1	Single-end Alternative 2*	Differential

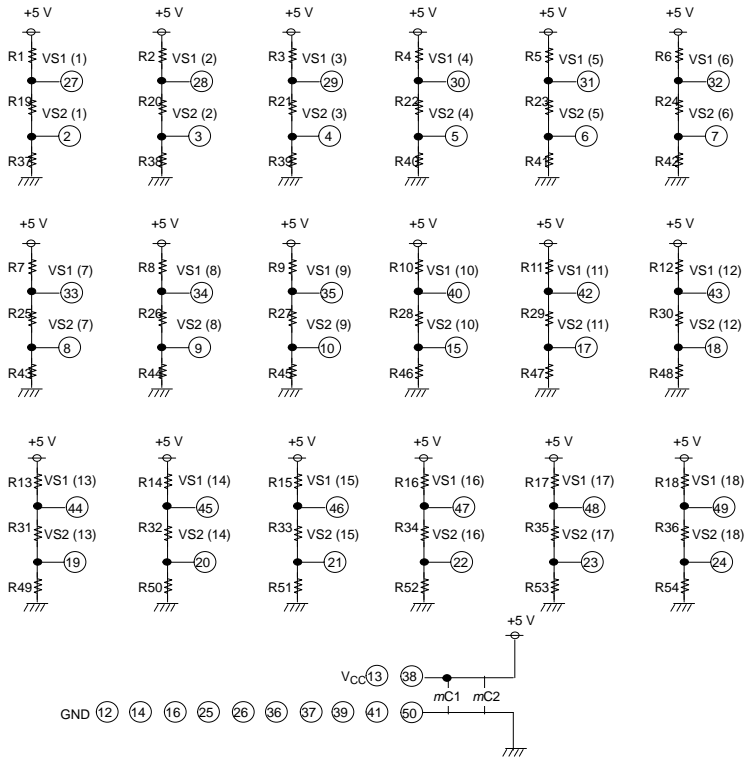
**Note:** \*with voltage control circuit

### MATERIAL

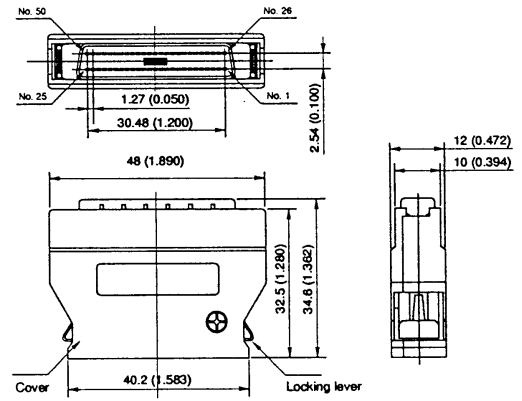
Insulator	PPS
Contact	Copper Alloy: gold over palladium over nickel (PAGOS)
Shell	Zinc die-cast for FCN-239, Steel (nickel-plating) for FCN-789
Cover	Zinc die-cast (nickel plating) for FCN239, Nickel-plated ABS for FCN789
Resistor PCB	Aluminum

# FCN-239 SERIES TERMINATOR

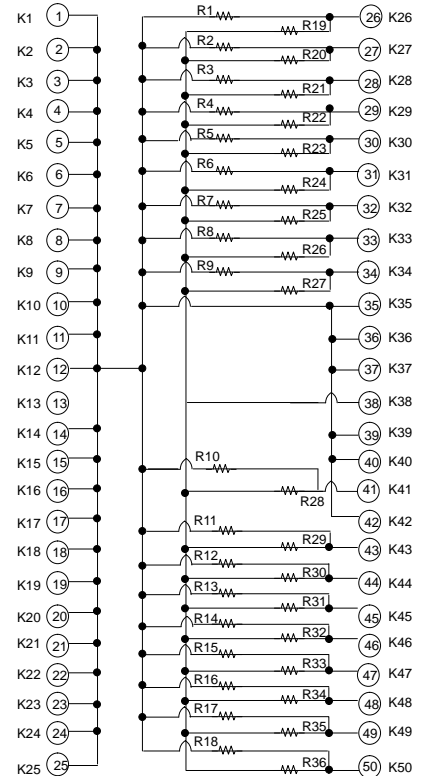
## FCN-239P050-G/D Differential



## FCN-239 Series

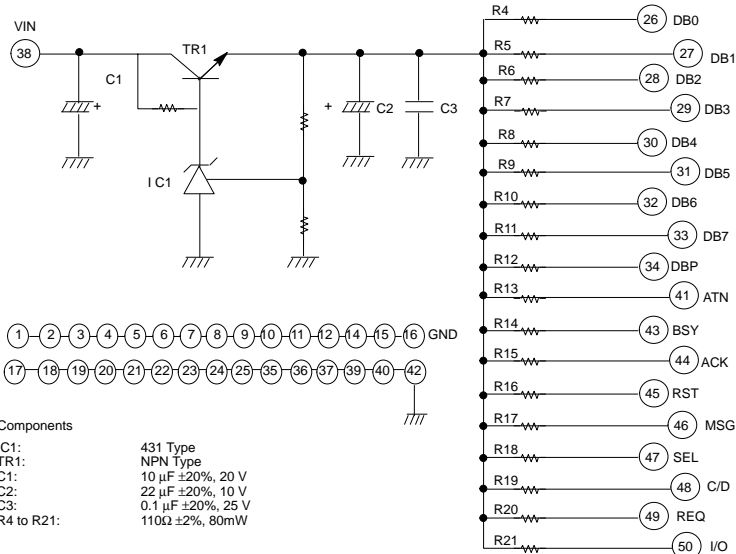


## FCN-239P050-G/E Single ended Passive



R1 - R18, 330  $\Omega \pm 5\%$ , 125 mW  
 R19 - R36, 220  $\Omega \pm 5\%$ , 125 mW

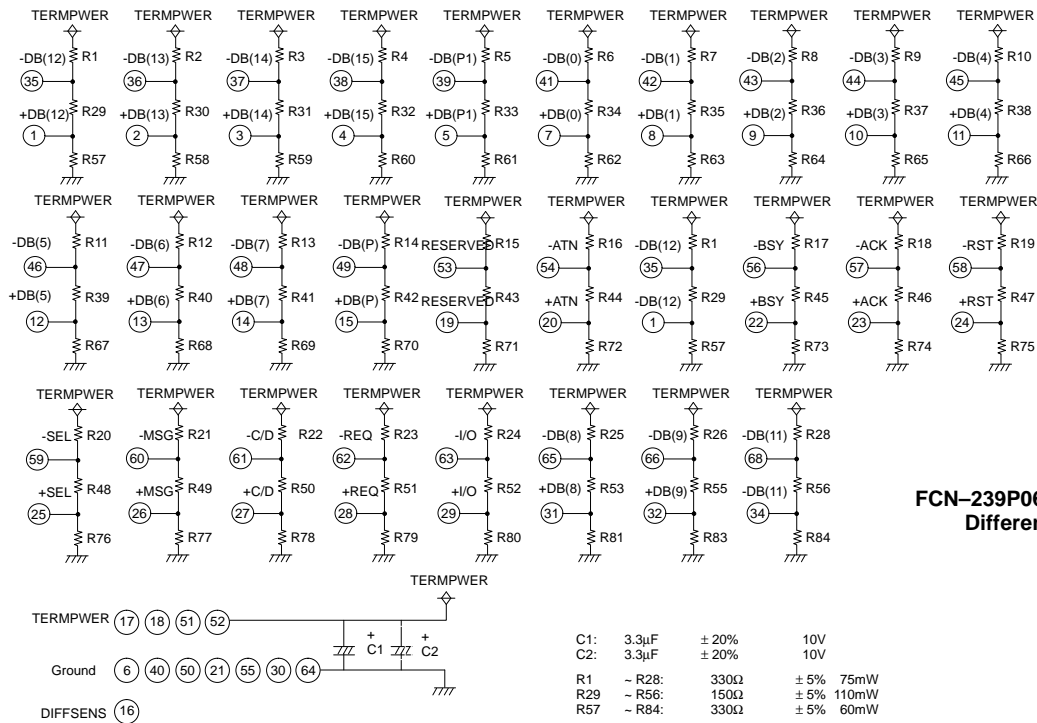
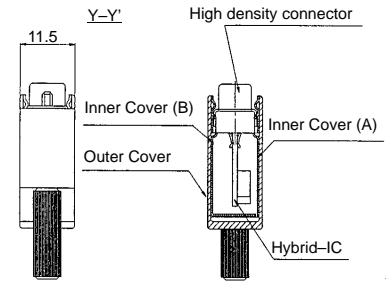
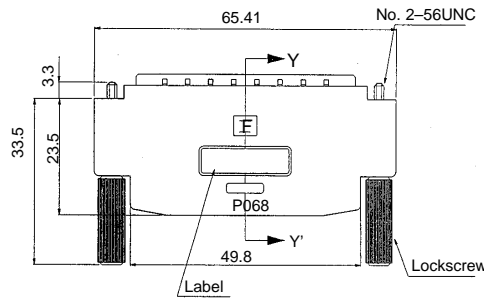
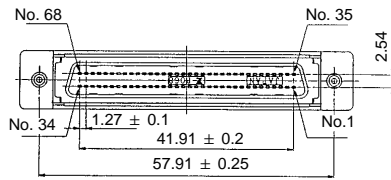
## FCN-239P050-G/C Single ended Active



Components  
 IC1: 431 Type  
 TR1: NPN Type  
 C1: 10  $\mu\text{F} \pm 20\%$ , 20 V  
 C2: 22  $\mu\text{F} \pm 20\%$ , 10 V  
 C3: 0.1  $\mu\text{F} \pm 20\%$ , 25 V  
 R4 to R21: 110 $\Omega \pm 2\%$ , 80mW

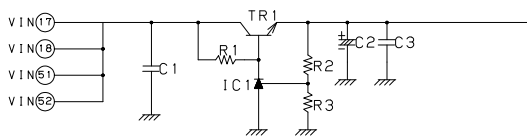
# SCSI III "WIDE SCSI"

## DIMENSIONS

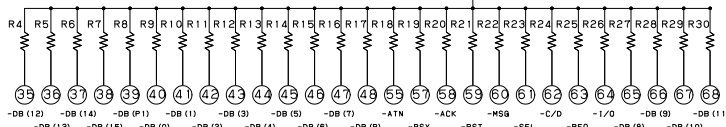


FCN-239P068-G/DP  
 Differential

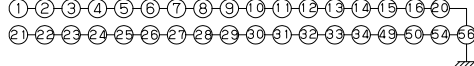
## COMPONENTS



IC1 : 431 Type  
 TR1 : NPN Type  
 C1, C3 : 0.1 fF ± 80% . 25V  
 C2 : 22 fF ± 20% . 10V  
 R4~R30 110Ω ± 5% 1/10W



GND



19 53 NO CONTACT  
 (RESERVED)

FCN-239P068-G/CPV  
 "SCSI 3" Single ended  
 ALT-2 P-Cable

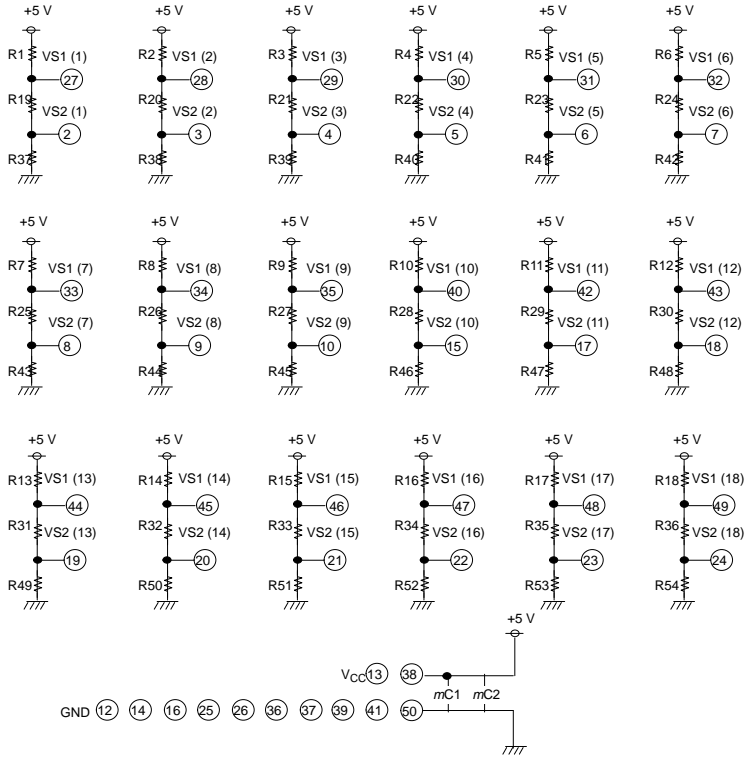
FCN-239P\*\*\*-G/\*

FCN-249P\*\*\*-G/\*

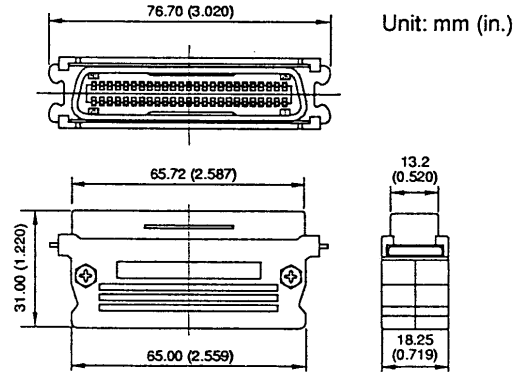
FCN-789P\*\*\*-L/\*

# FCN-789 SERIES TERMINATOR

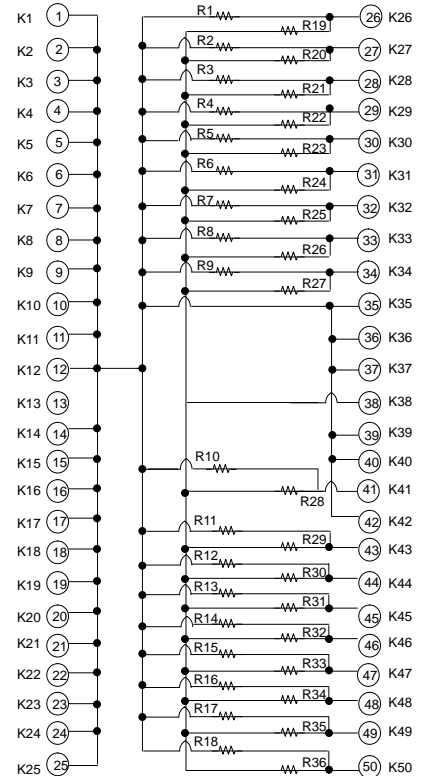
## FCN-789P050-L/D Differential



## FCN-789 Series

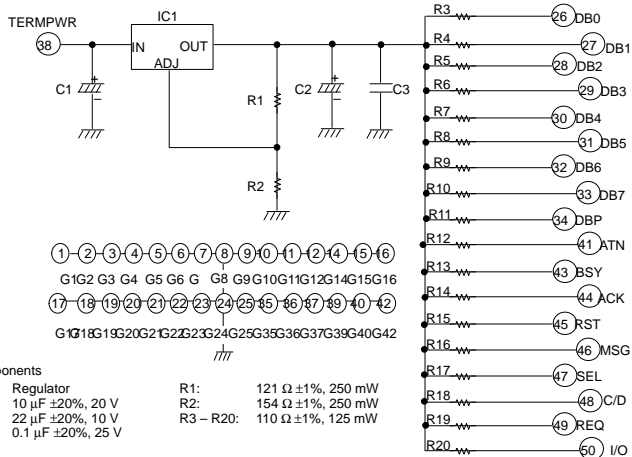


## FCN-789P050-L/A Single ended Passive



R1 - R18, 330  $\Omega \pm 5\%$ , 125 mW  
R19 - R36, 220  $\Omega \pm 5\%$ , 125 mW

## FCN-789P050-L/A Single ended Active



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