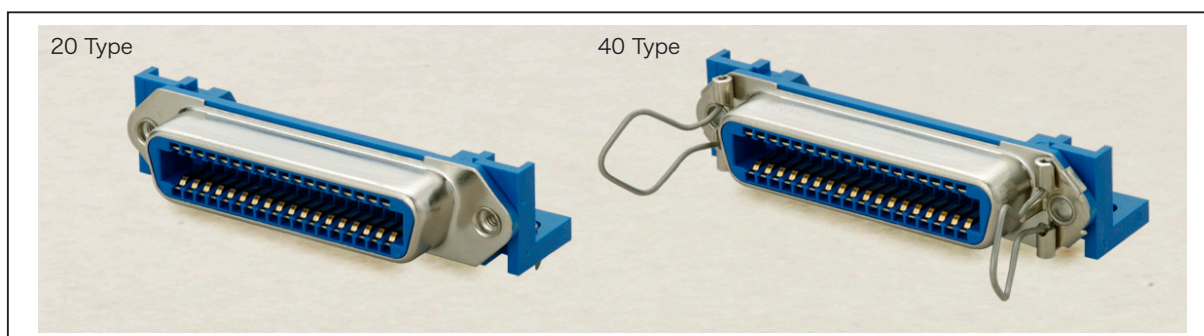


Right Angle Solder Termination Connector

57LE Series

DDK Ltd.



OUTLINE

- Metalized shell for EMI Shield
- Intermatable with each 57, 57F, 57FE, 57JE series plug connectors.
- UL applied (File No. E72124)

SPECIFICATIONS

Rated Voltage	500V AC (r.m.s.)
Rated Current	3A / Contact
Dielectric Withstanding Voltage	1200V AC (r.m.s.) at 1 minute
Insulation Resistance	1000M Ω (min.) at 500V DC
Contact Resistance	35m Ω (max.)
Operating Temperature	-55°C~ 105°C



MATERIAL/FINISH

ITEM	MATERIAL / FINISH
Insulator	PBT Resin(UL94V-0) / Blue
Shell	Steel or Brass / Ni Plating
Contact	Copper Alloy / Contact Area: Au over Ni Plating Tail Area: Sn-Ag Plating
Bail Lock	Stainless Steel

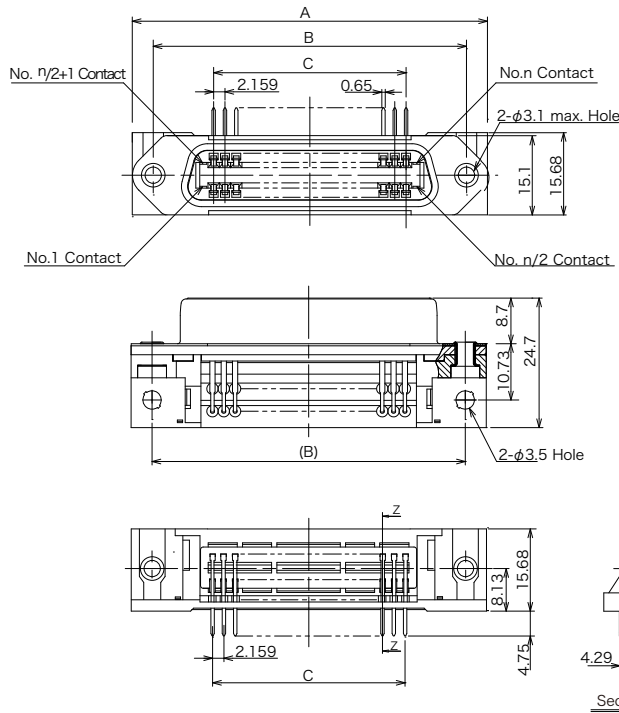
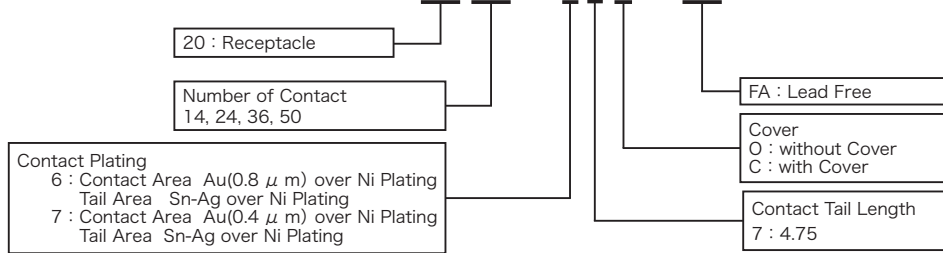
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110712

<http://www.ddknet.co.jp>

▶ 20 Type Receptacle

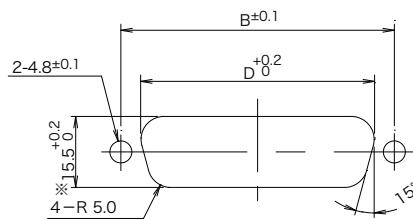
57LE-20500-7700-FA



Number of Contact	Part Number	A	B	C
14	57LE-20140-□7□O-FA	44.00	36.00	12.954
24	57LE-20240-□7□O-FA	54.78	46.78	23.749
36	57LE-20360-□7□O-FA	67.74	59.74	36.703
50	57LE-20500-□7□O-FA	82.85	74.85	51.816

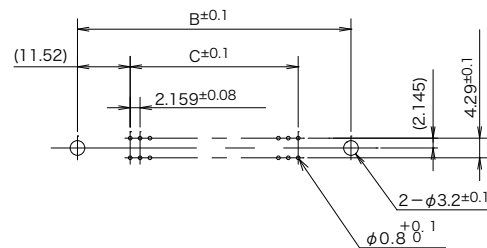
Panel Mounting Dimensions

● Rear Mounting



Recommended PCB Mounting Dimensions

(PCB Thickness: t=1.6mm)

※ : When mating connector is 57FE-10 type, dimension "※" is 16.2^{+0.2}₀.

Number of Contact	B	D
14	36.00	29.3
24	46.78	40.1
36	59.74	53.0
50	74.85	68.2

Number of Contact	B	C
14	36.00	12.954
24	46.78	23.749
36	59.74	36.703
50	74.85	51.816

Panel Thickness : 1.6mm max.

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▶ 20 Type Receptacle

57LE-20500-7700D35G-CA

20 : Receptacle

Number of Contact
14, 24, 36, 50

Contact Plating

6 : Contact Area Au(0.8 μ m) over Ni Plating
Tail Area Sn-Ag over Ni Plating
7 : Contact Area Au(0.4 μ m) over Ni Plating
Tail Area Sn-Ag over Ni Plating

CA : Lead and Cadmium Free

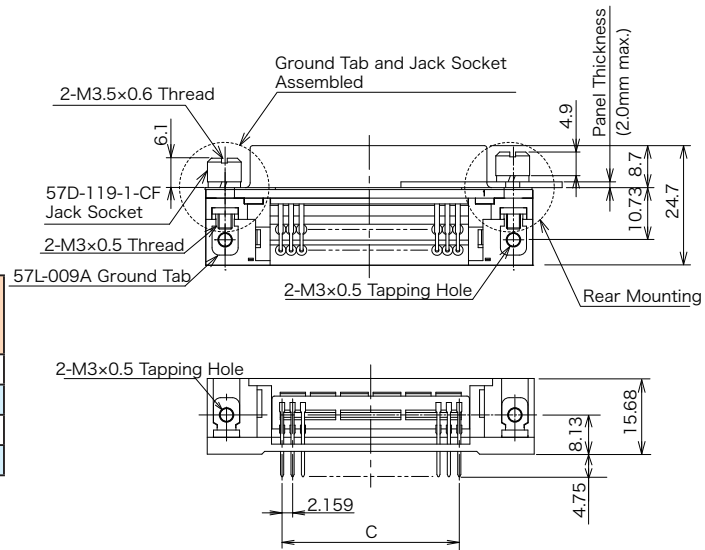
Deviation

D35G : Ground Tab and Jack Socket assembled

Cover

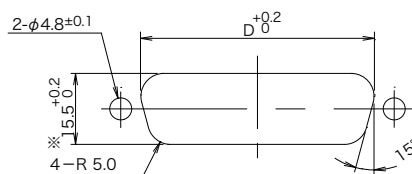
O : without Cover
C : with CoverContact Tail Length
7 : 4.75

Number of Contact	Part Number	C
14	57LE-20140-□ 7 □ OD35G-CA	12.954
24	57LE-20240-□ 7 □ OD35G-CA	23.749
36	57LE-20360-□ 7 □ OD35G-CA	36.703
50	57LE-20500-□ 7 □ OD35G-CA	51.816



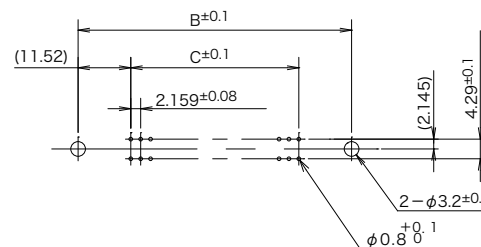
Panel Mounting Dimensions

● Rear Mounting



Recommended PCB Mounting Dimensions

(PCB Thickness: t=1.6mm)



※ : When mating connector is 57FE-10 type, dimension "※" is 16.2^{+0.2}₀.

Number of Contact	B	D
14	36.00	29.3
24	46.78	40.1
36	59.74	53.0
50	74.85	68.2

Panel Thickness : 1.6mm max.

Number of Contact	B	C
14	36.00	12.954
24	46.78	23.749
36	59.74	36.703
50	74.85	51.816

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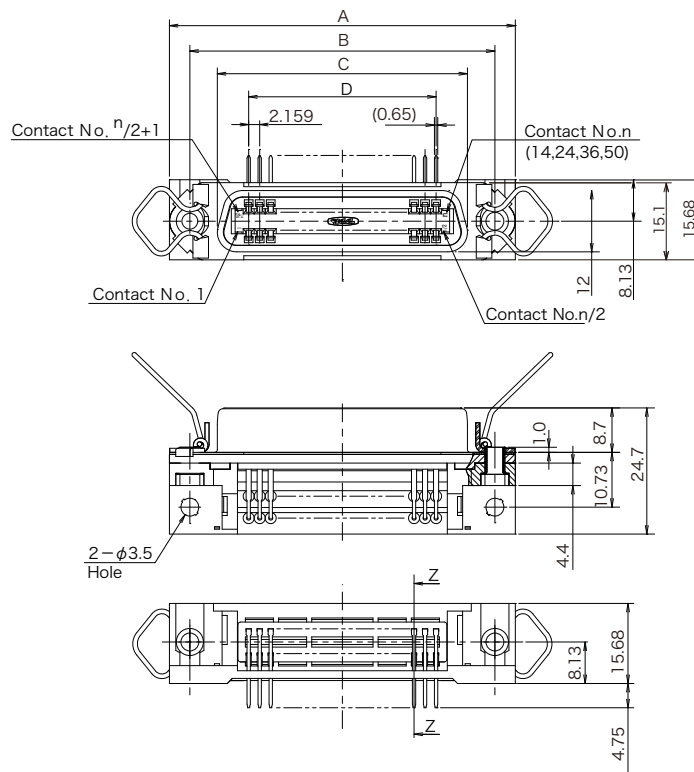
Your catalogue checking the latest specifications with our drawings would be highly appreciated.

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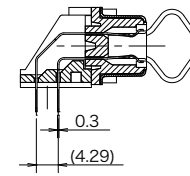
▶ 40 Type Receptacle

57LE-40360-7700-FA

40 : Receptacle with Bail Lock	FA : Lead Free
Number of Contact 14, 24, 36, 50	Cover O : without Cover C : with Cover
Contact Plating 6 : Contact Area Au(0.8 μm) over Ni Plating Tail Area Sn-Ag over Ni Plating 7 : Contact Area Au(0.4 μm) over Ni Plating Tail Area Sn-Ag over Ni Plating	Contact Tail Length 7 : 4.75



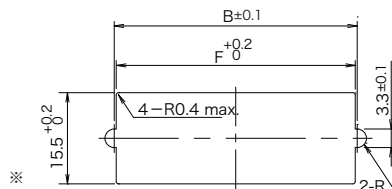
Number of Contact	A	B	C	D
14	44.00	36.00	25.36	12.954
24	54.78	46.78	36.23	23.749
36	67.74	59.74	49.05	36.703
50	82.85	74.85	64.22	51.816



Section Z-Z

Panel Mounting Dimensions

● Rear Mounting



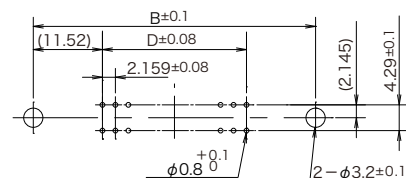
※ : When mating connector is 57FE-10 type, dimension "※" is $16.2^{+0.2}_0$.

Number of Contact	B	F
14	36.00	35.30
24	46.78	46.08
36	59.74	59.04
50	74.85	74.15

Panel Thickness : 1.6mm max.

Recommended PCB Mounting Dimensions

(PCB Thickness: t=1.6mm)



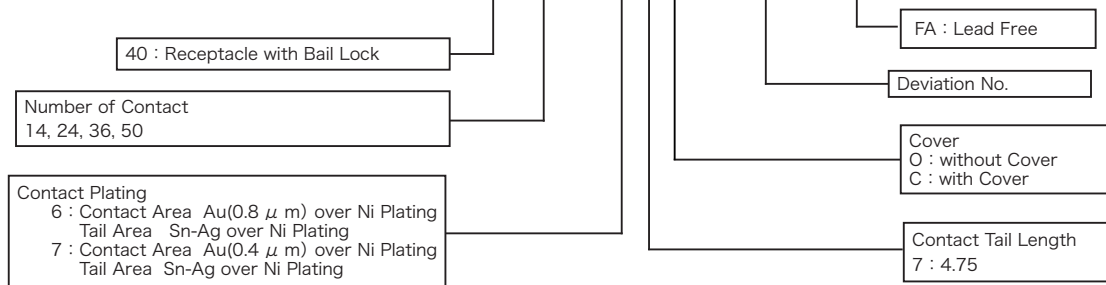
Number of Contact	B	D
14	36.00	12.954
24	46.78	23.749
36	59.74	36.703
50	74.85	51.816

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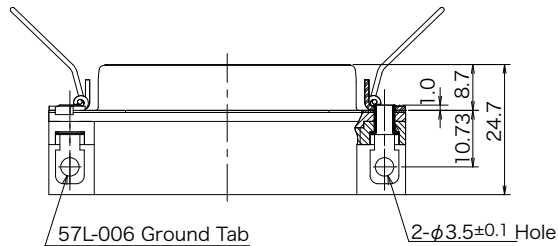
▶ 40 Type Receptacle Deviations

57LE-40360-7700(Dxx)-FA



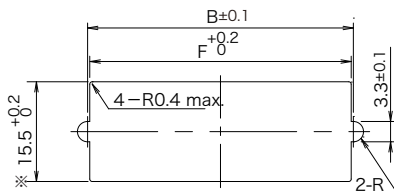
57LE-40360-7700(D3)-FA

(D3) : Ground Tab (57L-006) With Hole Assembled



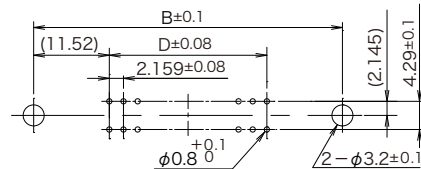
Panel Mounting Dimensions

● Rear Mounting



Recommended PCB Mounting Dimensions

(PCB Thickness: t=1.6mm)



※ : When mating connector is 57FE-10 type, dimension "※" is 16.2^{+0.2}₀.

Number of Contact	B	F
14	36.00	35.30
24	46.78	46.08
36	59.74	59.04
50	74.85	74.15

Panel Thickness : 1.6mm max.

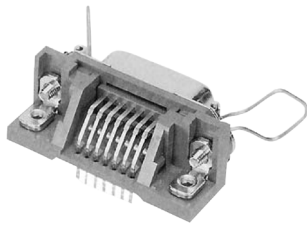
Number of Contact	B	D
14	36.00	12.954
24	46.78	23.749
36	59.74	36.703
50	74.85	51.816

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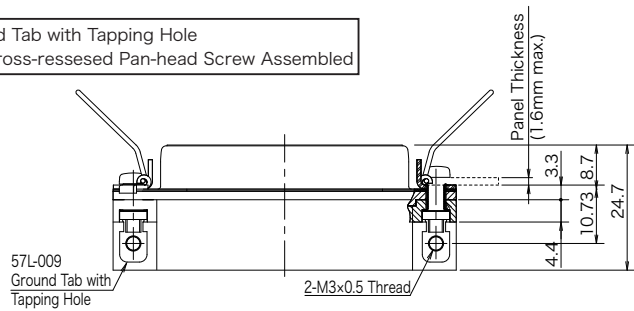
<http://www.ddknet.co.jp>

▶ 40 Type Receptacle Deviations

57LE-40360-7700(D12)-FA

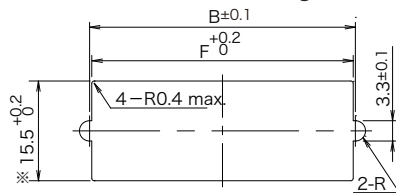


(D12) : Ground Tab with Tapping Hole
and Cross-ressed Pan-head Screw Assembled



Panel Mounting Dimensions

● Rear Mounting



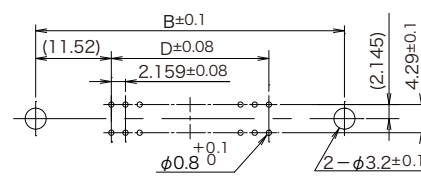
※ : When mating connector is 57FE-10 type, dimension "※" is 16.2 ± 0.2 .

Number of Contact	B	F
14	36.00	35.30
24	46.78	46.08
36	59.74	59.04
50	74.85	74.15

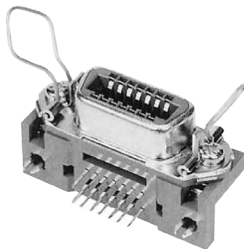
Panel Thickness : 1.6mm max.

Recommended PCB Mounting Dimensions

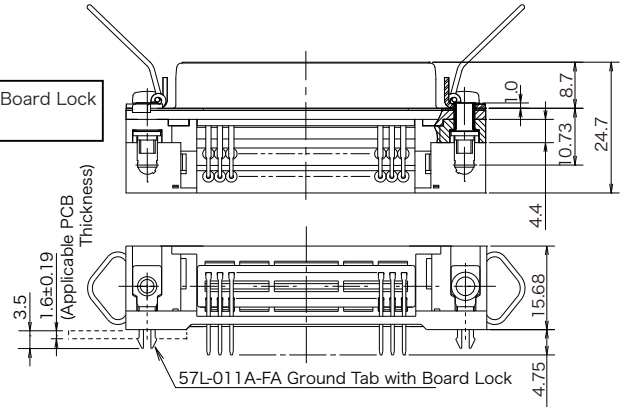
(PCB Thickness: $t=1.6\text{mm}$)



57LE-40360-7700(D29)-FA

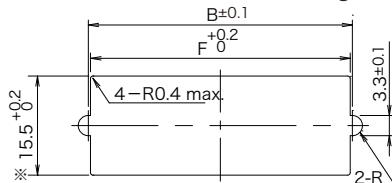


(D29) : Ground Tab with Board Lock
Assembled



Panel Mounting Dimensions

● Rear Mounting



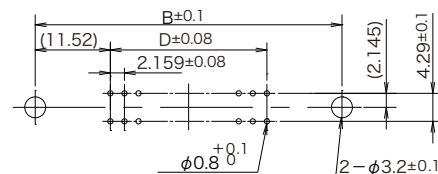
※ : When mating connector is 57FE-10 type, dimension "※" is 16.2 ± 0.2 .

Number of Contact	B	F
14	36.00	35.30
24	46.78	46.08
36	59.74	59.04
50	74.85	74.15

Panel Thickness : 1.6mm max.

Recommended PCB Mounting Dimensions

(PCB Thickness: $t=1.6\text{mm}$)



Number of Contact	B	D
14	36.00	12.954
24	46.78	23.749
36	59.74	36.703
50	74.85	51.816

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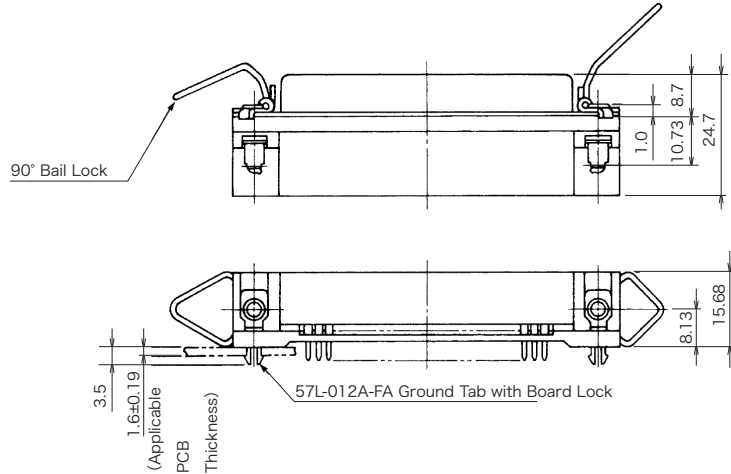
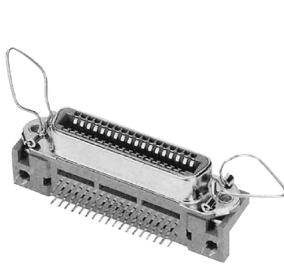
<http://www.ddknet.co.jp>

▶ 40 Type Receptacle Deviations

57LE-40360-7700(D34)-FA

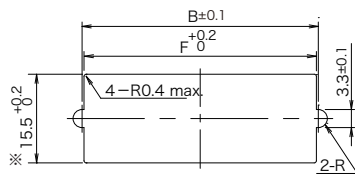
Contact Tail Length
3 : 3.2
7 : 4.75

(D34) : Ground Tab with Board Lock
and 90° Bail Lock Assembled



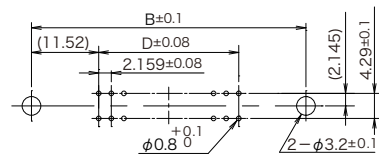
Panel Mounting Dimensions

● Rear Mounting



Recommended PCB Mounting Dimensions

(PCB Thickness: t=1.6mm)



※ : When mating connector is 57FE-10 type, dimension "※" is $16.2^{+0.2}_0$.

Number of Contact	B	F
14	36.00	35.30
24	46.78	46.08
36	59.74	59.04
50	74.85	74.15

Number of Contact	B	D
14	36.00	12.954
24	46.78	23.749
36	59.74	36.703
50	74.85	51.816

Panel Thickness : 1.6mm max.