

Right Angle Solder Termination Connectors

57RE Series

DDK Ltd.



OUTLINE

- 57RE series is light-weight and low cost version of 57LE series to unify end disc latches with shell and insulator with locator.
- 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

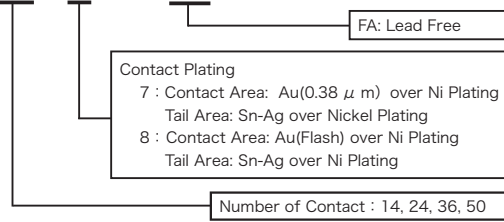
MATERIAL/FINISH



ITEM	MATERIAL/FINISH
Insulator	PBT Resin(UL94V-0) / Black
Shell	Steel or Brass / Ni Plating
Contact	Copper Alloy / Au over Ni Plating
Bail Lock	Stainless Steel

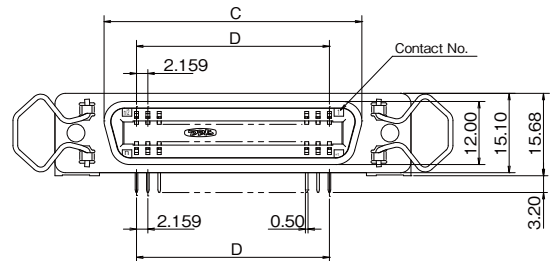
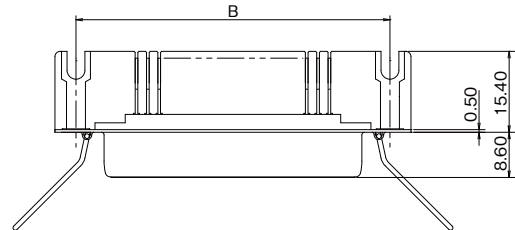
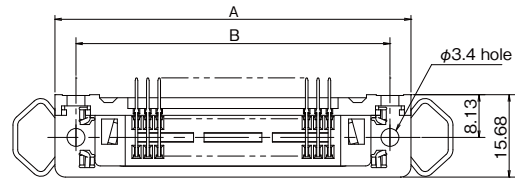
▶ Standard Type (Less Ground Tab)

57RE-40360-830B-FA



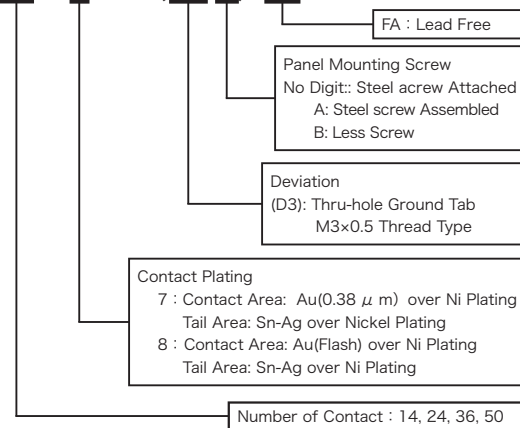
Part Number	Number of Contact	A	B	C	D	E
57RE-40140-□ 30B-FA	14	44.00	36.00	25.36	12.954	35.30
57RE-40240-□ 30B-FA	24	54.78	46.78	36.23	23.749	46.08
57RE-40360-□ 30B-FA	36	67.74	59.74	49.05	36.703	59.04
57RE-40500-□ 30B-FA	50	82.85	74.85	64.22	51.816	74.15

※ Panel mounting cut-out dimensions, PCB mounting dimensions : Type 1
 (Refer to page 5.)



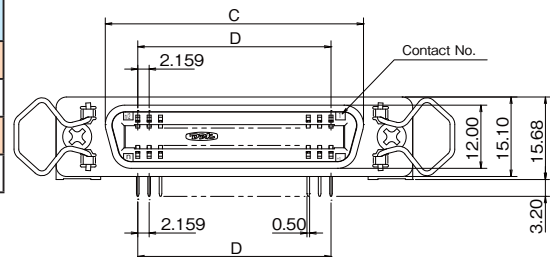
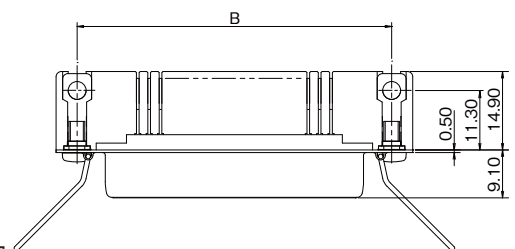
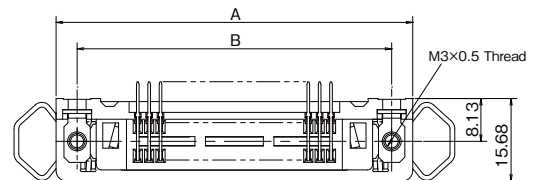
▶ With Thru-hole Ground Tab

57RE-40360-830B(D3B)-FA



Part Number	Number of Contact	A	B	C	D	E
57RE-40140-□ 30B (D3 □)-FA	14	44.00	36.00	25.36	12.954	35.30
57RE-40240-□ 30B (D3 □)-FA	24	54.78	46.78	36.23	23.749	46.08
57RE-40360-□ 30B (D3 □)-FA	36	67.74	59.74	49.05	36.703	59.04
57RE-40500-□ 30B (D3 □)-FA	50	82.85	74.85	64.22	51.816	74.15

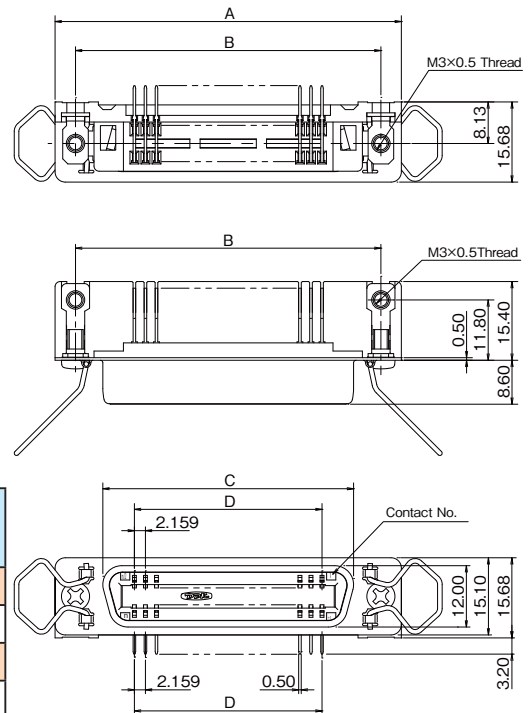
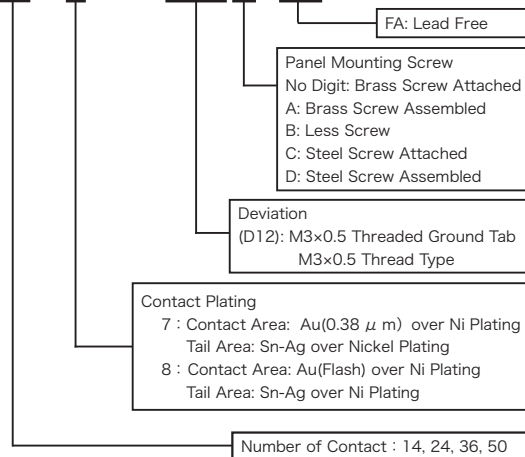
※ Panel mounting cut-out dimensions, PCB mounting dimensions : Type 1
 (Refer to page 5.)



※ The connector as above drawing is assembled panel mounting screws.

▶ With M3×0.5 Threaded Ground Tab

57RE-40360-830B(D12B)-FA



Part Number	Number of Contact	A	B	C	D	E
57RE-40140-□30B (D12□) -FA	14	44.00	36.00	25.36	12.954	35.30
57RE-40240-□30B (D12□) -FA	24	54.78	46.78	36.23	23.749	46.08
57RE-40360-□30B (D12□) -FA	36	67.74	59.74	49.05	36.703	59.04
57RE-40500-□30B (D12□) -FA	50	82.85	74.85	64.22	51.816	74.15

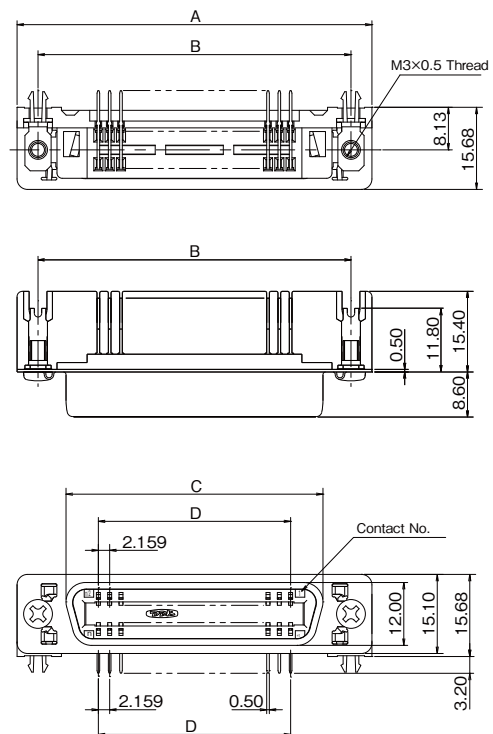
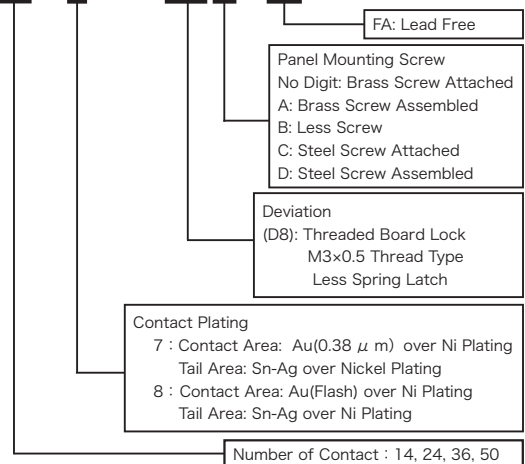
※ Panel mounting cut-out dimensions, PCB mounting dimensions : Type 1

(Refer to page 5.)

※ The connector as above drawing is assembled panel mounting screws.

▶ With Threaded Board Lock / Less Bail Locks

57RE-40360-830B(D8B)-FA



Part Number	Number of Contact	A	B	C	D	E
57RE-40140-□30B (D8□) -FA	14	44.00	36.00	25.36	12.954	35.30
57RE-40240-□30B (D8□) -FA	24	54.78	46.78	36.23	23.749	46.08
57RE-40360-□30B (D8□) -FA	36	67.74	59.74	49.05	36.703	59.04
57RE-40500-□30B (D8□) -FA	50	82.85	74.85	64.22	51.816	74.15

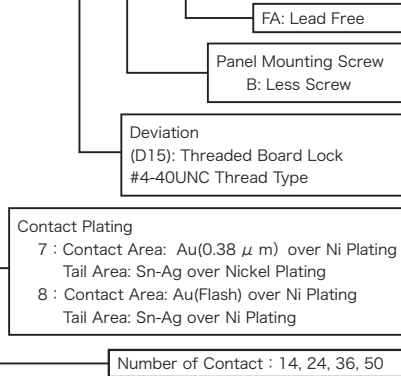
※ Panel mounting cut-out dimensions, PCB mounting dimensions : Type 2

(Refer to page 5.)

※ The connector as above drawing is assembled panel mounting screws.

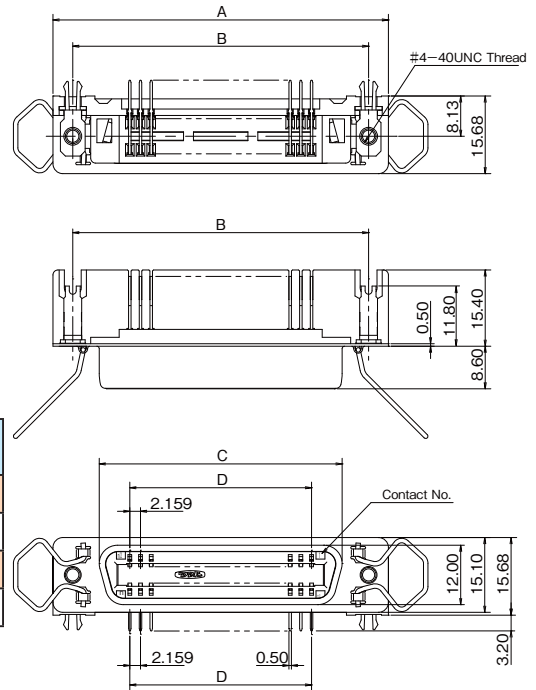
▶ With Threaded Board Lock

57RE-40360-830B(D15B)-FA

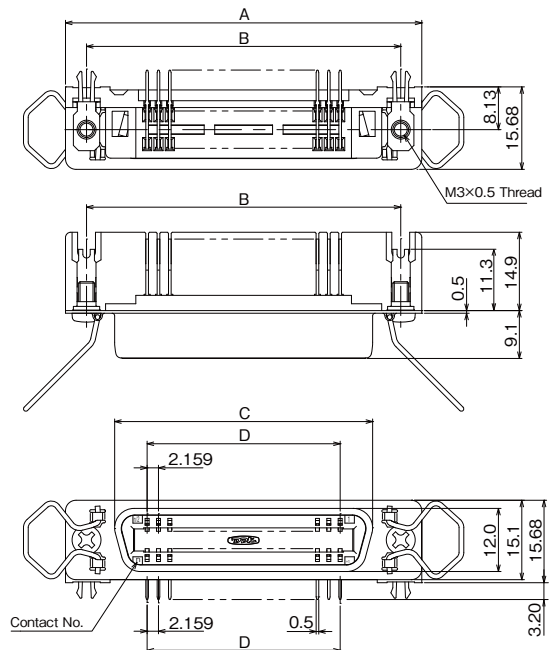
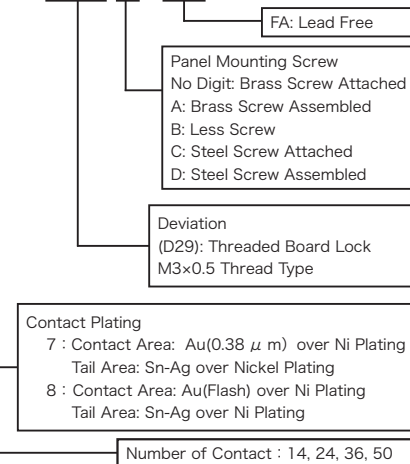


Part Number	Number of Contact	A	B	C	D	E
57RE-40140-□ 30B (D15 □) -FA	14	44.00	36.00	25.36	12.954	35.30
57RE-40240-□ 30B (D15 □) -FA	24	54.78	46.78	36.23	23.749	46.08
57RE-40360-□ 30B (D15 □) -FA	36	67.74	59.74	49.05	36.703	59.04
57RE-40500-□ 30B (D15 □) -FA	50	82.85	74.85	64.22	51.816	74.15

※ Panel mounting cut-out dimensions, PCB mounting dimensions : Type 2
(Refer to page 5.)



57RE-40360-830B(D29B)-FA



※ The connector as above drawing is assembled panel mounting screws.

Part Number	Number of Contact	A	B	C	D	E
57RE-40140-□ 30B (D29 □) -FA	14	44.00	36.00	25.36	12.954	35.30
57RE-40240-□ 30B (D29 □) -FA	24	54.78	46.78	36.23	23.749	46.08
57RE-40360-□ 30B (D29 □) -FA	36	67.74	59.74	49.05	36.703	59.04
57RE-40500-□ 30B (D29 □) -FA	50	82.85	74.85	64.22	51.816	74.15

※ Panel mounting cut-out dimensions, PCB mounting dimensions : Type 2
(Refer to page 5.)

© Specifications and/or dimensions in this catalogue are subject to change without notice.
Your catalogue checking the latest specifications with our drawings would be highly appreciated.

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

▶ With Threaded Board Lock / Small Bail Locks

57RE-40360-830B(D7B)-FA

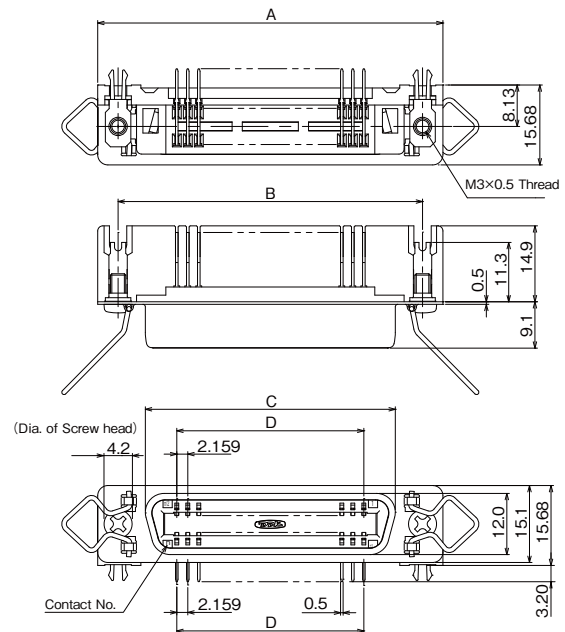
FA: Lead Free
Panel Mounting Screw
No Digit: Steel Screw Attached
A: Steel Screw Assembled
B: Less Screw

Deviation
(D7): Threaded Board Lock
M3×0.5 Thread Type
Small Bail Locks

Contact Plating
7 : Contact Area: Au(0.38 μm) over Ni Plating
Tail Area: Sn-Ag over Nickel Plating
8 : Contact Area: Au(Flash) over Ni Plating
Tail Area: Sn-Ag over Ni Plating

Number of Contact : 14, 24, 36, 50

Part Number	Number of Contact	A	B	C	D	E
57RE-40140-□30B(D7□)-FA	14	44.00	36.00	25.36	12.954	35.30
57RE-40240-□30B(D7□)-FA	24	54.78	46.78	36.23	23.749	46.08
57RE-40360-□30B(D7□)-FA	36	67.74	59.74	49.05	36.703	59.04
57RE-40500-□30B(D7□)-FA	50	82.85	74.85	64.22	51.816	74.15

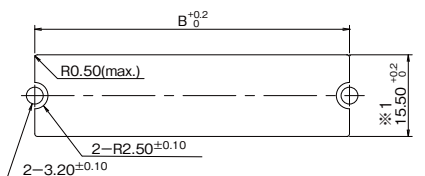


※ Panel mounting cut-out dimensions, PCB mounting dimensions : Type 2
(Refer to page 5.)

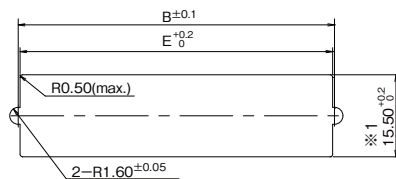
※ The connector as above drawing is assembled panel mounting screws.

▶ Panel Cut-out Dimensions & PCB Mounting Dimensions

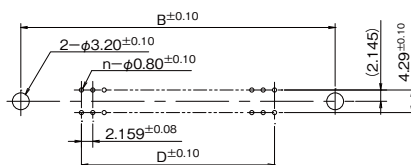
Type 1



Panel Cut-out Dimensions Thickness 1.60(max.)
(Front Mounting)



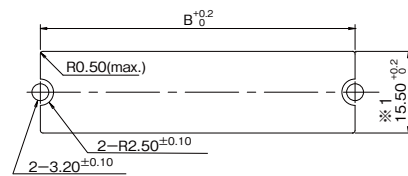
Panel Cut-out Dimensions Thickness 1.60(max.)
(Rear Mounting)



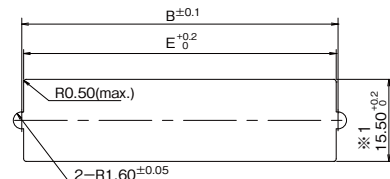
PCB Mounting Dimensions Thickness 1.60±0.19

※ 1 : When the mating connector is 57F or 57FE series,
the size ※1 is 16.20^{+0.2/0}.

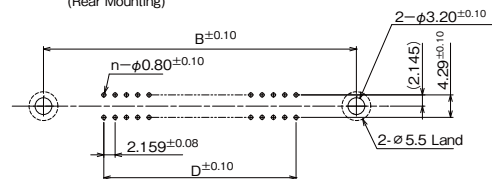
Type 2



Panel Cut-out Dimensions Thickness 1.60(max.)
(Front Mounting)



Panel Cut-out Dimensions Thickness 1.60(max.)
(Rear Mounting)



PCB Mounting Dimensions Thickness 1.60±0.19

※ 1 : When the mating connector is 57F or 57FE series
the size ※1 is 16.20^{+0.2/0}.