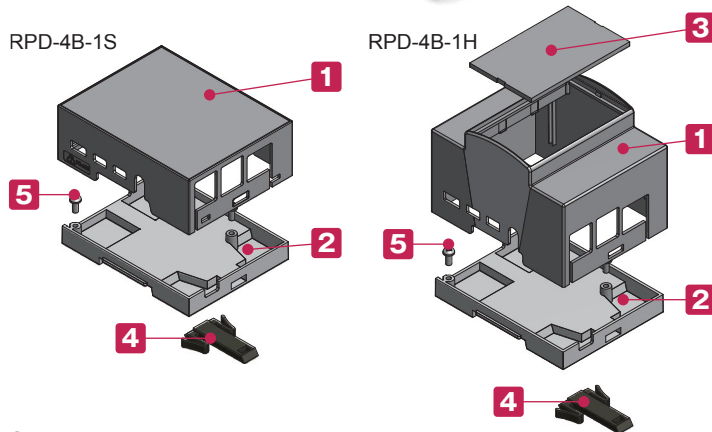




RPD-4B-1S

RPD-4B-1H



■ Exclusively for use with Raspberry Pi 4B.

■ Exclusively for use with 35mm DIN rail.

Able to assemble easily with a flathead screwdriver;
no screws required.

*Caution : Material may easily break when assembling.

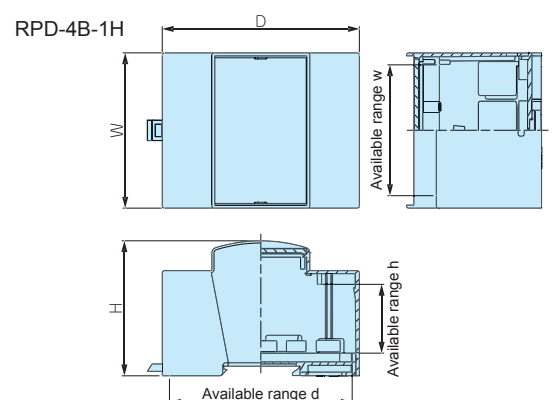
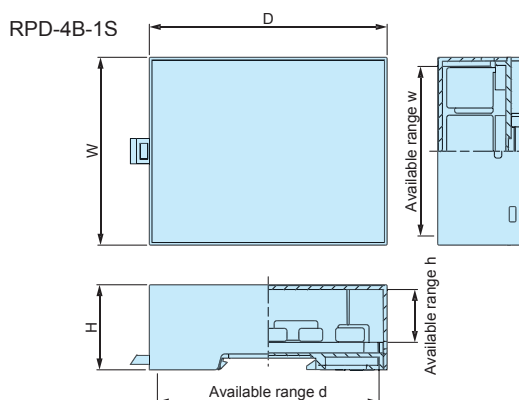
■ Raspberry Pi Board is excluded.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Body	1	PC + ABS	Gray
2	Base	1	PC + ABS	Gray
3	Front panel (RPD-4B-1H only)	1	Polycarbonate t = 2.0	Transparent
4	Hook	1	PPO	Black
5	Screw for Board (M3-6)	2	Stainless steel	Unfinished

RPD dimensions

■ Drawings below are reference examples only.
DXF/DWG/PDF drawings available on our website.



Product no. / Dimensions

Product no.	Dimensions						Weight (g)
	W	H	D	w	h	d	
RPD-4B-1S	71.1	32.2	90	64.1	20.1	83.9	46.8
RPD-4B-1H	71.3	62	90.5	60.3	31.7	83.9	68.1

TAKACHI ELECTRONICS ENCLOSURE CO., LTD.

3-21-16 Higashi-ryoke,
Kawaguchi, Saitama 332-0003, JAPAN
Tel. +81-48-222-5409

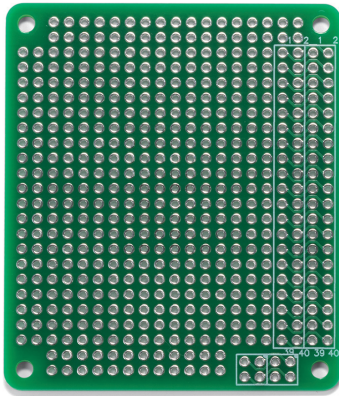
www.takachi-enclosure.com

sales@takachi-el.co.jp

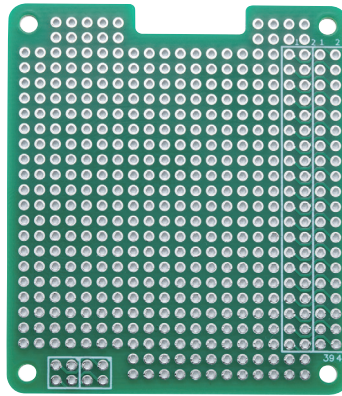
● All items listed in this catalogue are compliant with EU RoHS 10 standard.

RPCB series**EXPANSION PCB for Raspberry Pi**

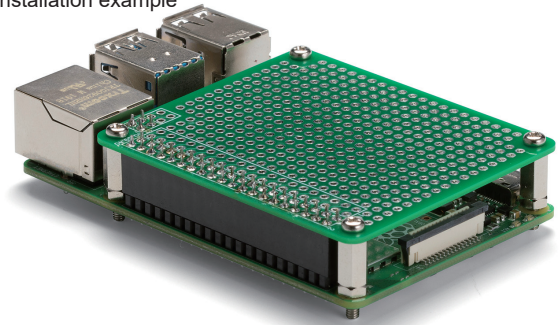
RPCB-4B



RPCB-5



Installation example



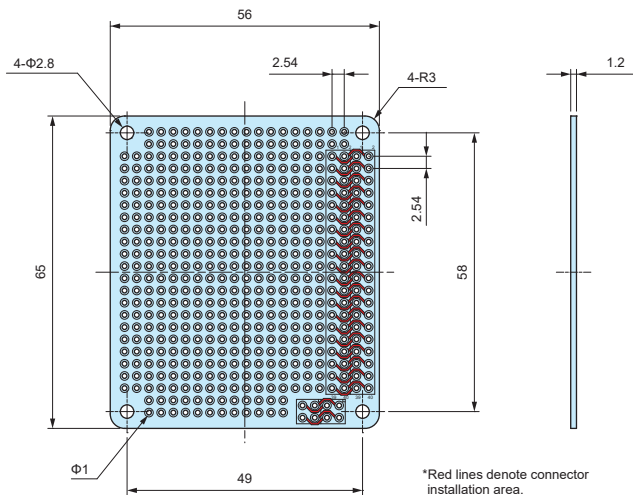
- Material / Finish : Glass epoxy (FR-4) / Through-hole - Lead-free solder resist
- Expansion PCB for standard Raspberry Pi boards. Use to install expansion parts or components.
- Environmentally friendly lead-free solder. RoHS3 compliant.

- Raspberry Pi Board is not included.
- Connector, spacer, and mounting screw set are sold separately.

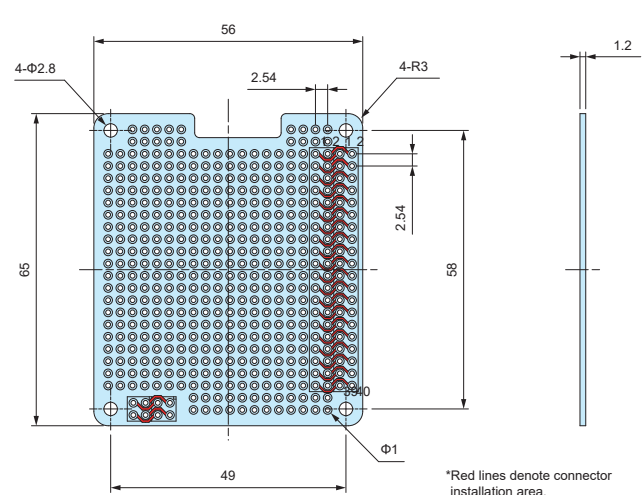
RPCB dimensions

- DXF/DWG/PDF drawings available on our website.

RPCB-4B

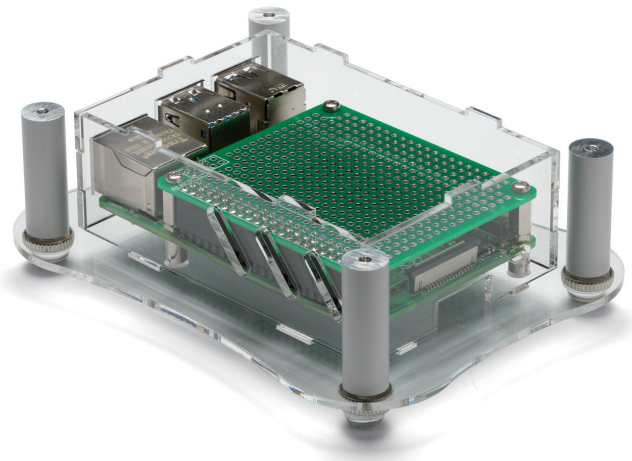
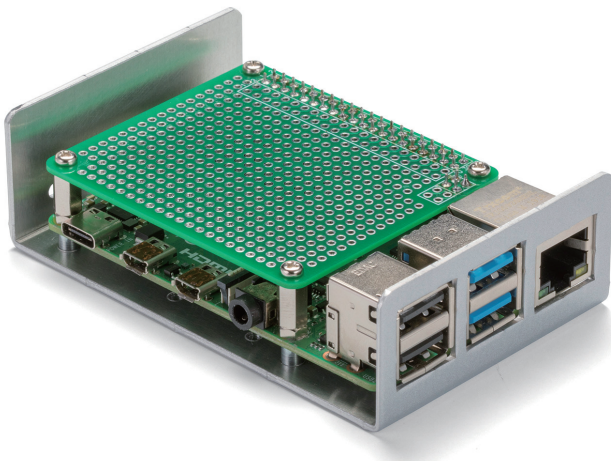


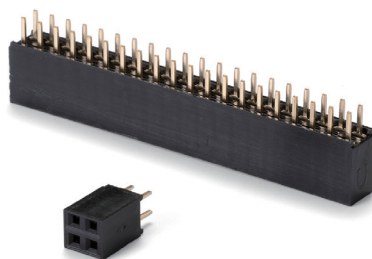
RPCB-5

**Product no. / Details**

Product no.	Pack of	Suitable model
RPCB-4B	1	Raspberry Pi 4B
NEW RPCB-5	1	Raspberry Pi 5

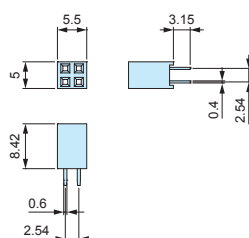
- Expansion PCB can also be utilized on RPI-4B and RPA series cases.



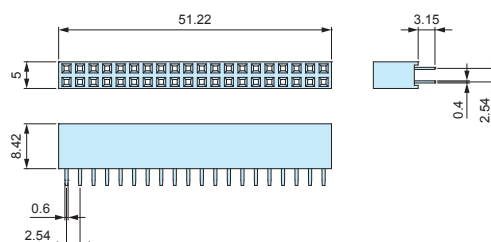
RPS series**PIN SOCKET CONNECTOR for RPCB****RPS dimensions**

■ DXF/DWG/PDF drawings available on our website.

RPS2-2



RPS2-20



■ Material / Color : (Socket) FRPBT UL94V-0 / Black • (Pin) Phosphor bronze

■ 2.54mm hole-to-hole pitch pin socket connector.

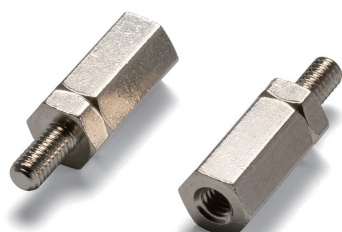
Utilize with RPCB expansion PCB for Raspberry Pi series.

Technical Data

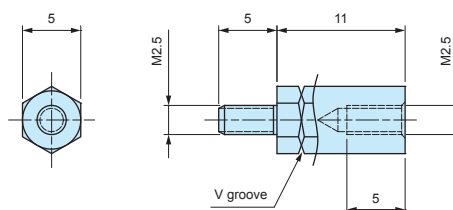
Operating temperature : -55°C ~ +105°C
 Rated voltage : DC500V
 Rated current : 1.0A

Product no. / Details

Product no.	Pin layout	Pack of
RPS2-2	4 (2 pin x 2)	1
RPS2-20	40 (20 pin x 2)	1

RPSP2.5-11**HEXAGONAL STANDOFF****RPSP2.5-11 dimensions**

■ DXF/DWG/PDF drawings available on our website.



■ Material / Finish : Brass / Nickel plated

■ Brass hexagonal standoff with M2.5 threads on both male and female sides.

Utilize with RPCB expansion PCB for Raspberry Pi series.

Product no. / Details

Product no.	Pack of
RPSP2.5-11	4

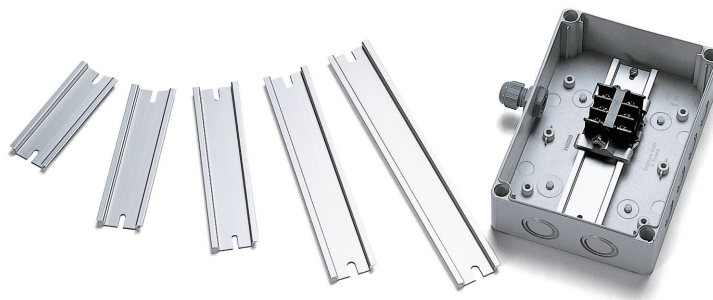
MT2.5-4**MOUNTING SCREW for RPSP2.5-11****MT2.5-4 dimensions**

■ Material / Finish : Steel / Trivalent chromate

■ Utilize when affixing RPCB expansion PCB.

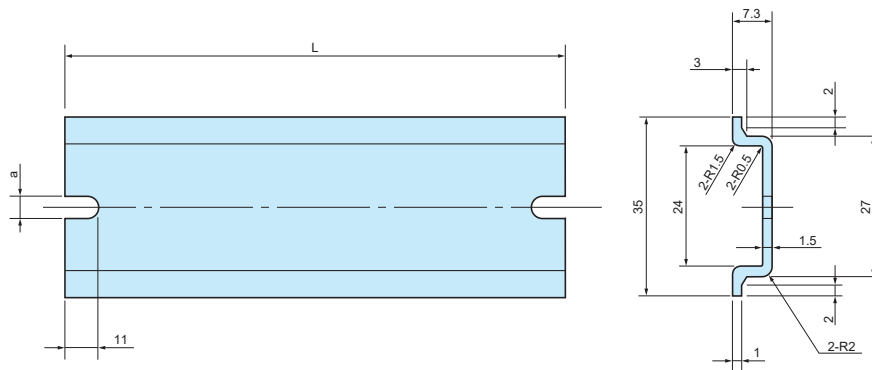
Product no. / Details

Product no.	Pack of
MT2.5-4	4

FDR series**DIN RAIL**

Application example

- DIN Rail for installation of terminals, relays, or switches inside enclosures.
- Suitable for DIN Rail types of various manufacturers.

**Product no. / Details**

Product no.	L	a	Matching boss pitch	Weight
FDR- 50	50	4.2	32 ~ 42	8.6
FDR- 57	57	4.2	39 ~ 49	9.5
FDR- 66	66	4.2	48 ~ 58	10
FDR- 77	77	4.2	59 ~ 69	12
FDR- 80	80	4.2	62 ~ 72	13
FDR- 87	87	4.2	69 ~ 79	14
FDR- 92	92	4.2	74 ~ 84	15
FDR-100	100	4.2	82 ~ 92	17.8
FDR-106	106	4.2	88 ~ 98	19
FDR-110	110	4.2	92 ~ 102	20
FDR-120	120	4.2	102 ~ 112	21
FDR-128	128	4.2	110 ~ 120	23
FDR-137	137	4.2	119 ~ 129	24
FDR-142	142	4.2	124 ~ 134	25
FDR-146	146	4.2	128 ~ 138	26
FDR-150	150	4.2	132 ~ 142	25.8
FDR-168	168	4.2	150 ~ 160	30
FDR-170	170	4.2	152 ~ 162	30
FDR-186	186	4.2	168 ~ 178	32
FDR-202	202	4.2	184 ~ 194	37
FDR-205	205	4.2	187 ~ 197	36
FDR-223	223	4.2	205 ~ 215	39.3
FDR-226	226	4.2	208 ~ 218	39
FDR-235	235	4.2	217 ~ 227	42
FDR-242	242	4.2	224 ~ 234	43
FDR-249	249	4.2	231 ~ 241	43
FDR-283	283	4.2	265 ~ 275	49
FDR-300	300	4.2	282 ~ 292	52
NEW FDR-314	314	4.2	296 ~ 306	51.5
FDR-350	350	4.2	332 ~ 342	60
FDR-400	400	4.2	382 ~ 392	69
FDR-450	450	4.2	432 ~ 442	78
FDR-550	550	4.2	532 ~ 542	94

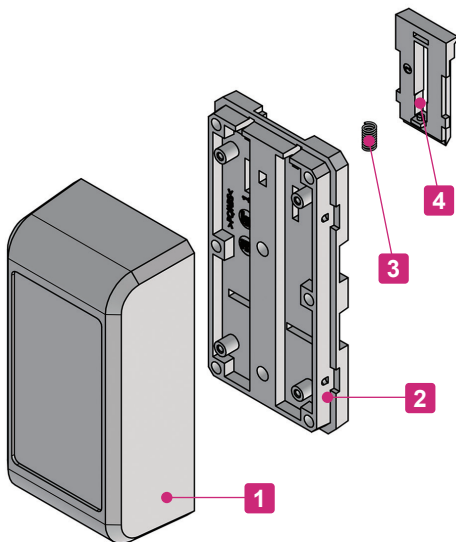
Product no.	L	a	Matching boss pitch	Weight
NEW FDR-B106	106	6.5	90 ~ 96	17.5
FDR-B124	124	6.5	108 ~ 114	21.4
FDR-B142	142	6.5	126 ~ 132	24
FDR-B160	160	6.5	144 ~ 150	28
FDR-B165	165	6.5	149 ~ 155	28
FDR-B176	176	6.5	160 ~ 166	30
FDR-B183	183	6.5	167 ~ 173	30
FDR-B196	196	6.5	180 ~ 186	33
FDR-B223	223	6.5	207 ~ 213	37
FDR-B256	256	6.5	240 ~ 246	43
FDR-B260	260	6.5	244 ~ 250	45
NEW FDR-B276	276	6.5	260 ~ 266	47.5
FDR-B303	303	6.5	287 ~ 293	52
NEW FDR-B327	327	6.5	311 ~ 317	56.2
FDR-B338	338	6.5	322 ~ 328	57
FDR-B360	360	6.5	344 ~ 350	63
FDR-B376	376	6.5	360 ~ 366	64
FDR-B383	383	6.5	367 ~ 373	65
FDR-B463	463	6.5	447 ~ 453	87
FDR-1000	1,000	—	—	169.5

- Material / Finish: A6063S-T5 / Silver anodized
- FDR-1000 does not have mounting holes.



Technical Data

Operating temperature : -20°C ~ +60°C



- Plastic enclosure with mount bracket for 35mm DIN Rail.
- 3 new sizes added for a total of 4 different sizes available for selection.
- Toolless snap-in structure allows for quick and easy assembly.
- Simple installation and removal on a DIN Rail with the pull lever.
- Suitable for network module, controller, data logger and others.

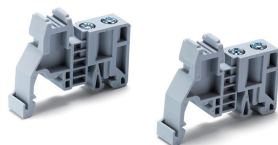
Components

No.	Part name	Pcs	Materials	Color / Finish
1	Cover	1	PC/ABS (UL94V-0)	Off-white
2	Base	1	PC/ABS (UL94V-0)	Off-white
3	Compression spring	1	SUS304	Unfinished
4	Lever	1	PC/ABS (UL94V-0)	Off-white

Accessories (Optional parts)



DIN Rail FDR series
See page 100



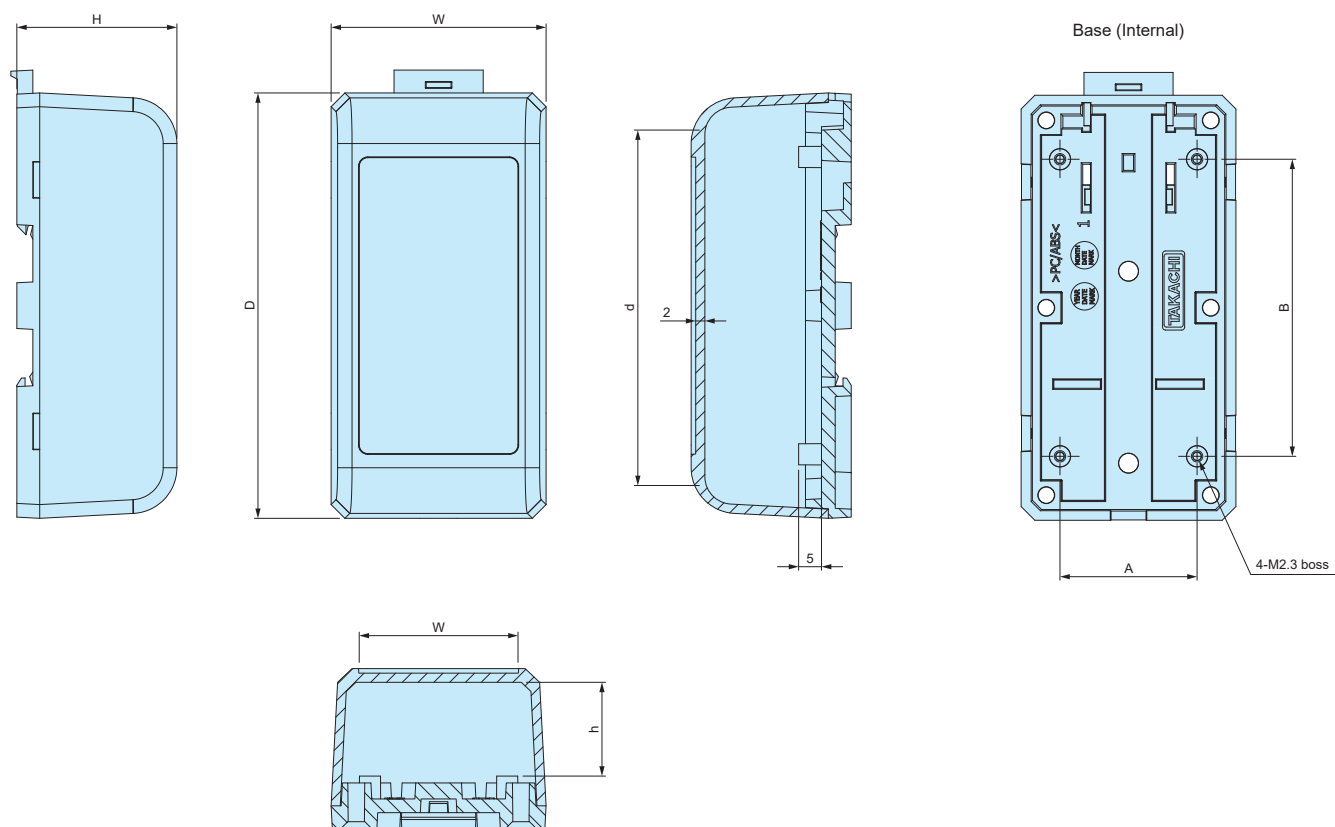
Economical DIN Rail end stopper
DRS series
See page 99



DIN Rail terminal block end stopper
TKR series
See page 99

DRC dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Product no. / Details

Product no.	External dimensions			Internal dimensions			Boss pitch		Weight (g)
	W	H	D	w	h	d	A	B	
NEW DRC4-4-9W	38	35	93	27	20.5	74.7	20	70	44.1
DRC5-4-9W	47	35	93	36	20.5	74.7	30	65	51.6
NEW DRC7-4-9W	65	35	93	54	20.5	74.7	45	65	65.4
NEW DRC9-4-9W	90	35	93	79	20.5	74.7	70	65	83.9

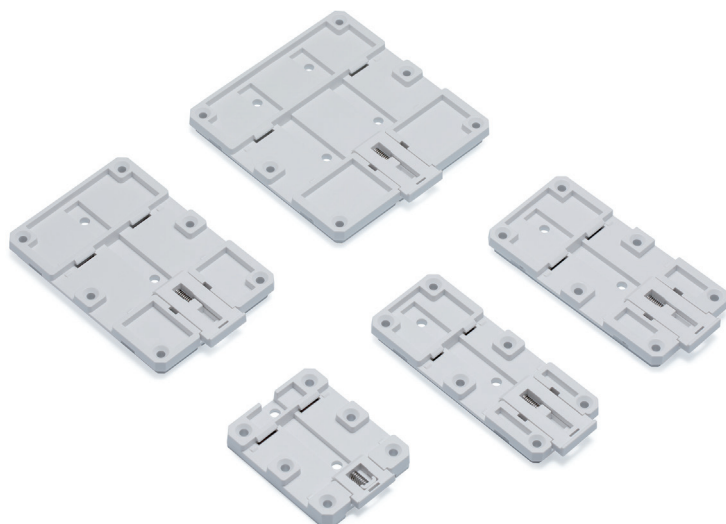
APPLICATION EXAMPLE



Controller



Network Module

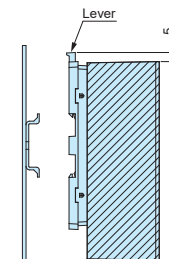


Installation Example



NOTE

Before installation, please ensure that the lever is not fully hidden behind the enclosure.



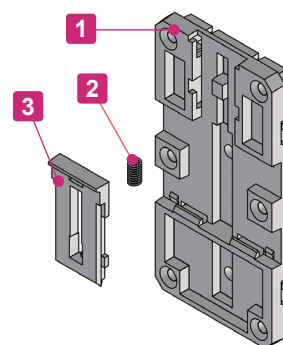
Technical Data

Max load : 5kg

- Mounting base for installation of enclosures, PCB and other parts onto 35mm DIN Rail.
- 4 new sizes added for a total of 5 different sizes available for selection.
- Easy mounting and dismounting from a DIN Rail using the pull lever.
- Replacement product for the discontinued DRA series.

Components

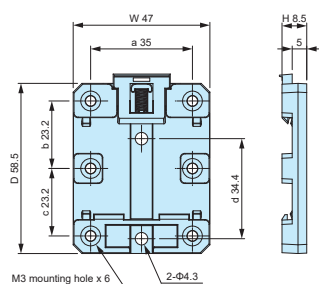
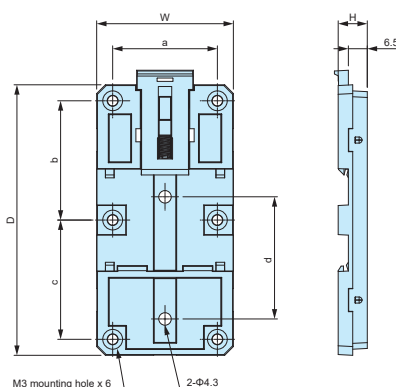
No.	Part name	Pcs	Materials	Color / Finish
1	Base	1	PC/ABS (UL94V-0)	Off-white
2	Compression spring	1	SUS304	Unfinished
3	Lever	1	PC/ABS (UL94V-0)	Off-white



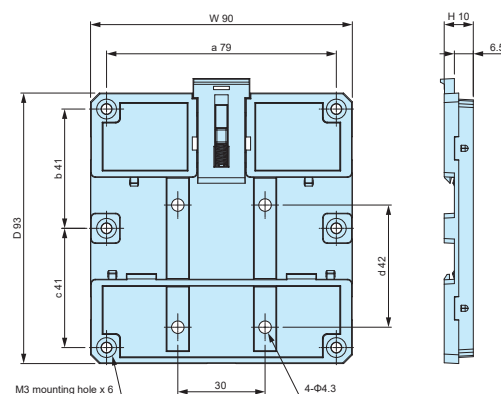
DRP dimensions

- DXF/DWG/PDF/STP drawings available on our website.

DRP5-6W

DRP4-9W, DRP5-9W
DRP7-9W

DRP9-9W

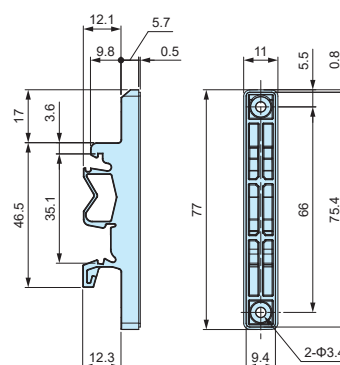
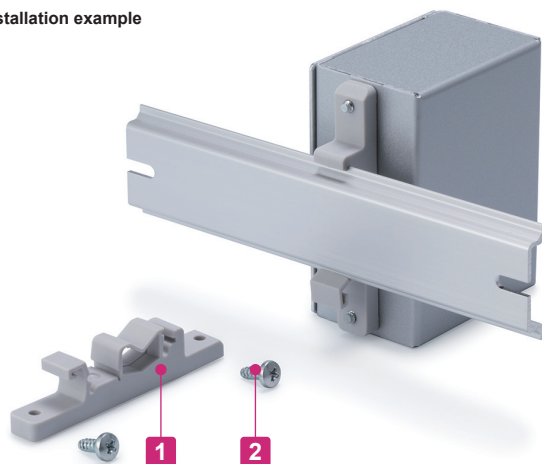
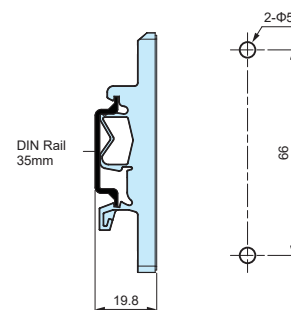


Product no. / Details

Product no.	Dimensions							Weight (g)	Old product model
	W	H	D	a	b	c	d		
NEW DRP4-9W	38	10	93	27	41	41	41	20.6	DRA-2
NEW DRP5-6W	47	8.5	58.5	35	23.2	23.2	34.4	13.4	DRA-3
DRP5-9W	47	10	93	36	41	41	42	24.6	DRA-1
NEW DRP7-9W	65	10	93	54	41	41	42	31.3	—
NEW DRP9-9W	90	10	93	79	41	41	42	41.6	—

DRF series**DIN RAIL MOUNTING BRACKET**

■ DXF/DWG/PDF drawings available on our website.

Installation example**Hole layout for mounting**

Installed on 35mm DIN Rail

- Mounting bracket for installation of enclosures, PCB and other parts onto 35mm DIN Rail.
Can be easily detached.
- Bulk packaging is available.

Technical Data

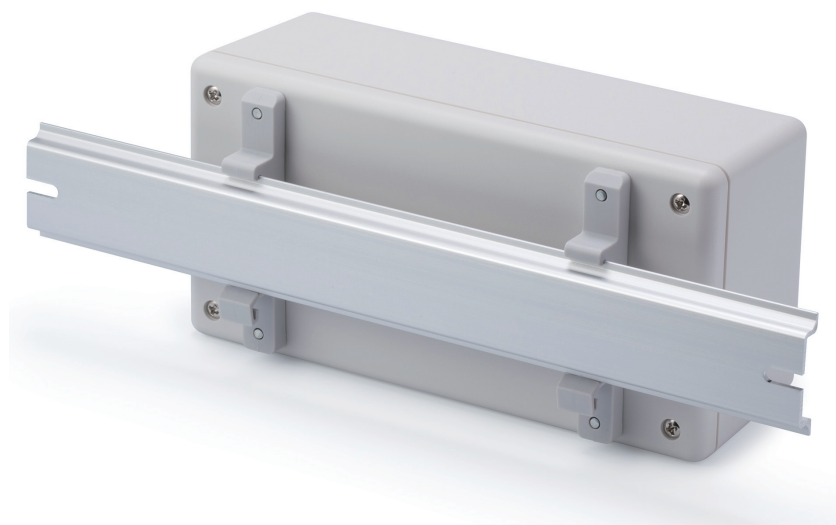
Max load : 1.5kg

Components

No.	Part name	Pcs	Material	Color / Finish
1	Mounting bracket	1	PP	White gray
2	Screw (Bind head tapping 4-10)	2	Steel	Trivalent chromate

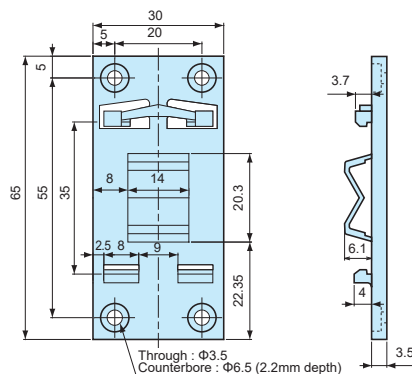
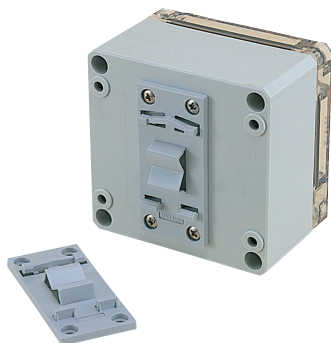
Product no. / Details

Product no.	Weight (g)	Pack of
DRF80-1	8.4	1
DRF80-1-P	8.4 / pc	20

Installation example (using 2pcs)

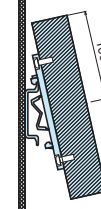
DRT series**DIN RAIL MOUNTING BASE****Installation example**

■ DXF/DWG/PDF/STP drawings available on our website.



■ NOTE

Before installation, please ensure that the length (from top) of the enclosure is equal to, or less than 100mm from the center of the mounting base.



- For installation of enclosures, PCB and other parts onto a DIN Rail.
- Simple installation and removal by tilting the case at an angle and sliding it in/out.

Technical Data

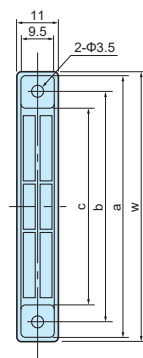
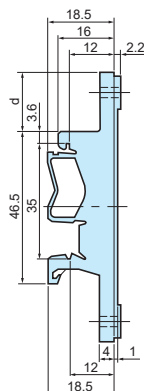
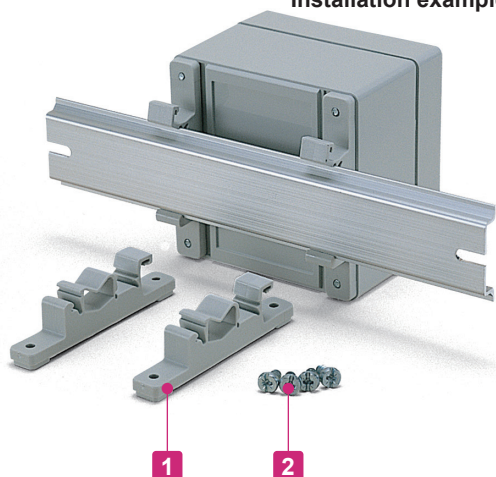
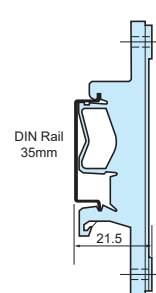
Max load : 1kg

Product no. / Details

Product no.	Material	Color	Weight (g)	Pack of
DRT-1	PC/ABS UL94V-0	Light gray	7.3	1
DRT-1-P	PC/ABS UL94V-0	Light gray	7.3 (1pc)	50

CKD series**DIN RAIL MOUNTING FEET****Installation example**

■ DXF/DWG/PDF drawings available on our website.

**Hole layout for mounting**

Installed on 35mm DIN-Rail



- Mounting feet for installation of enclosures, PCB and other parts onto a DIN Rail. Can be easily detached.

Technical Data

Max load : 3kg / 2pcs

Components

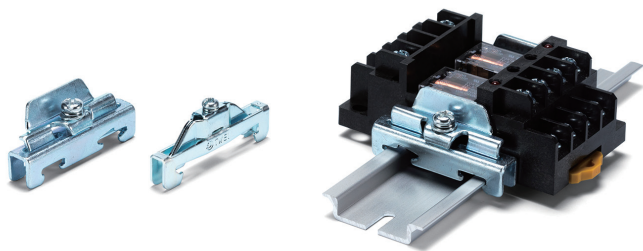
No.	Part name	Pcs	Material	Color / Finish
1	Mounting feet	2	Polyamide	White gray
2	Screw (special type 4.2 x 9.5)	4	Steel	Unichrome plated

Product no. / Details

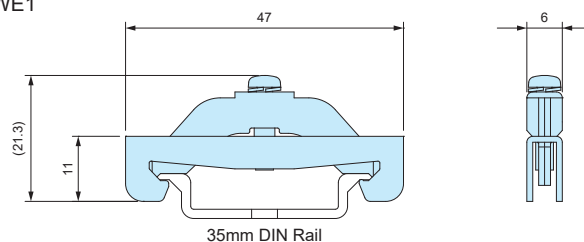
Product no.	W	a	b	c	d	Weight (g)	Pack of
CKD-120	117	115	106	96	37	21 (2pcs)	2
CKD-160	157	155	147	136	57	24 (2pcs)	2

TKR series**DIN RAIL TERMINAL BLOCK END STOPPER**

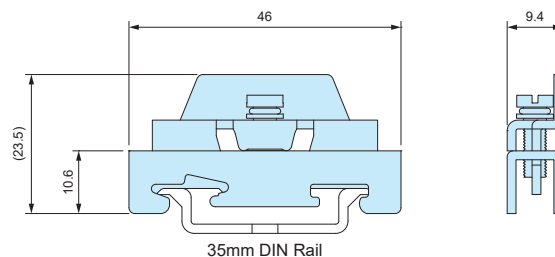
■ DXF/DWG/PDF drawings available on our website.



TKR-TWE1



TKR35-1



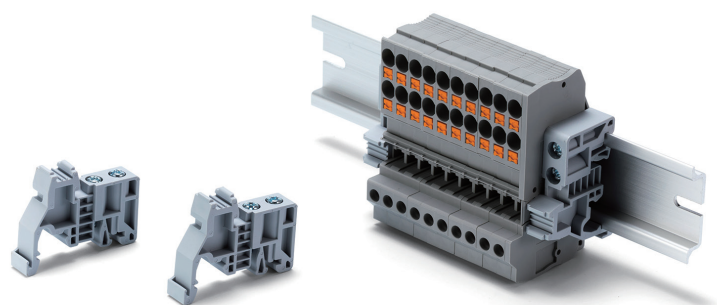
- Stopper bracket for use with 35mm DIN Rail to keep an attachment at a fixed location.
- TKR-TWE1 is used with small DIN Rail attachment parts. For larger / higher attachment parts, TKR35-1 is recommended for providing additional support.

Product no. / Details

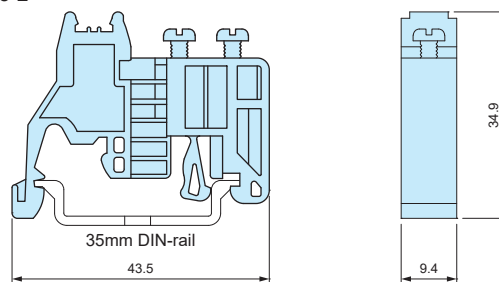
Product no.	Material	Finish	Pack of
TKR-TWE1	Steel	Trivalent chromate	2
TKR35-1	Steel	Trivalent chromate	2
TKR35-1-P	Steel	Trivalent chromate	50

DRS series**ECONOMICAL DIN RAIL END STOPPER**

■ DXF/DWG/PDF drawings available on our website.



DRS35-2



- Economically priced end stopper bracket.
- Included screws allow affixing of stopper brackets firmly at a fixed location.

Product no. / Details

Product no.	Material	Color	Pack of
DRS35-2	PA66	Light Gray	2
DRS35-2-P	PA66	Light Gray	50