

TSC-4x series and TSC-5x series Specification comparison table

DMC Co., Ltd

TSC-4x series : TSC-44/RSA-E, TSC-45/RSA-E

TSC-5x series : TSC-54/RU, TSC-55/RU

Hardware spec

| Items | TSC-4x series | TSC-5x series |
|-----------------------|--|-------------------------------------|
| Outer Dimension | 30×40 (mm) | 30×53 (mm) |
| Connector Locations | Not compatible | |
| Screw Hole Locations | Compatible | |
| Screw Hole Sizes | Compatible | |
| Max. Height | TSC-44/RSA-E 8mm TSC-45/RSA-E 5.5mm (Back Surface 2mm) | 4.8mm (Back Surface 2mm) |
| Operating Temperature | -20°C to +75°C (No dew condensation) | 0 to +70°C (No dew condensation) |
| Storage Temperature | Compatible | |

Electrical spec

| Items | TSC-4x series | TSC-5x series |
|---------|----------------|----------------|
| Voltage | DC 4.1V - 5.5V | DC 3.0V - 5.5V |

Software spec

| Items | TSC-4x series | TSC-5x series |
|------------|---------------|---------------|
| Command | Compatible | |
| Resolution | Compatible | |

*DMC's driver software can be used without any modification.

Corresponding Cables

| Controllers | Connecters | Cables |
|--------------|----------------|---------------|
| TSC-44/RSA-E | Not compatible | TSC-10/RS-SC1 |
| TSC-45/RSA-E | Compatible | TSC-25/RS-SC1 |
| TSC-54/RU | | |
| TSC-55/RU | | |

Detailed information

TSC-44/RSA-E

https://www.dmccoltd.com/files/controler/tsc44_rsae_e.pdf

TSC-45/RSA-E

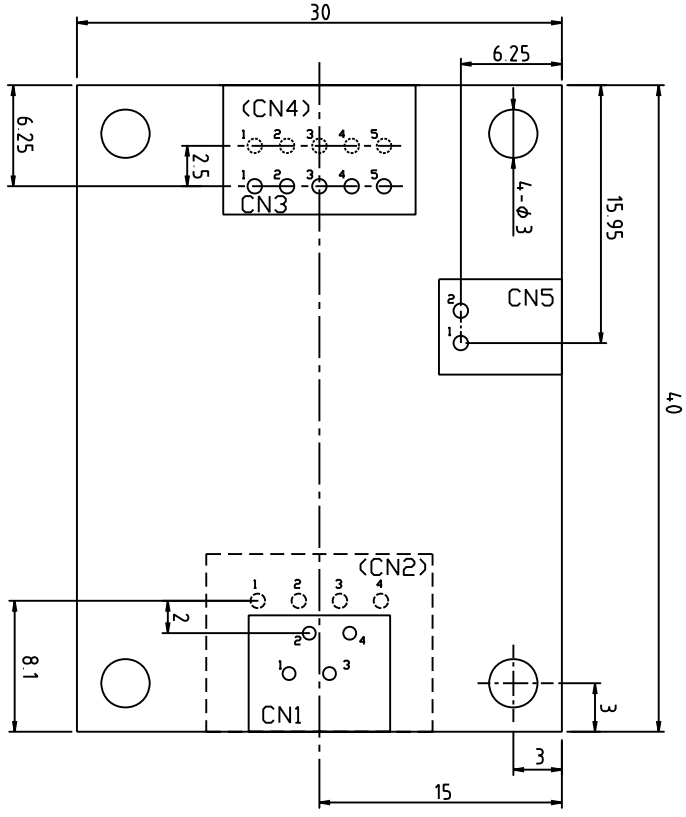
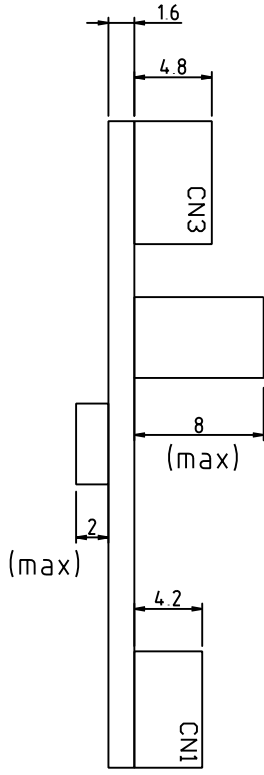
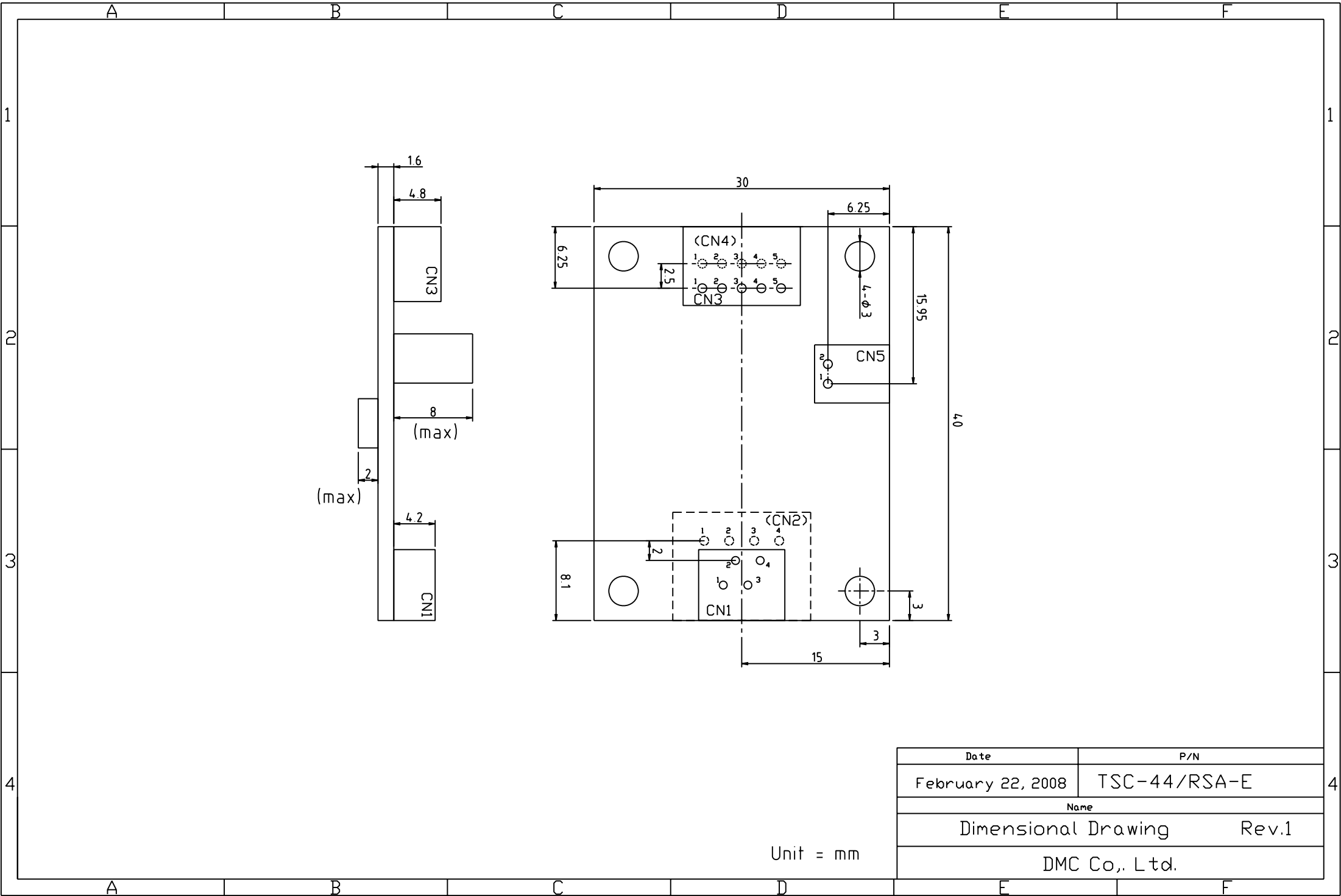
https://www.dmccoltd.com/files/controler/tsc45_rsae_e.pdf

TSC-54/RU

https://www.dmccoltd.com/files/controler/tsc5x/tsc54ru_e_v1.1.pdf

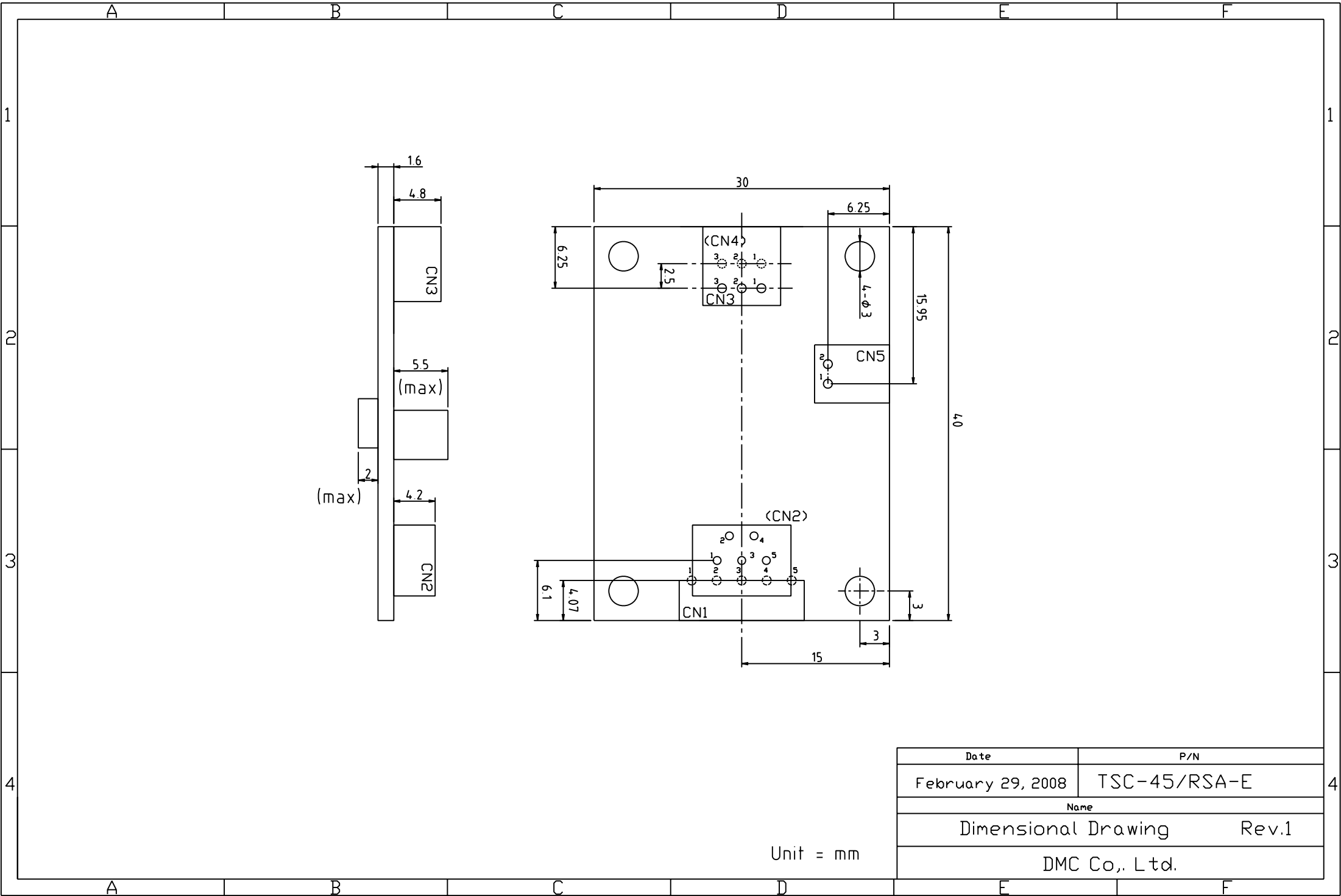
TSC-55/RU

https://www.dmccoltd.com/files/controler/tsc5x/tsc55ru_e_v1.1.pdf



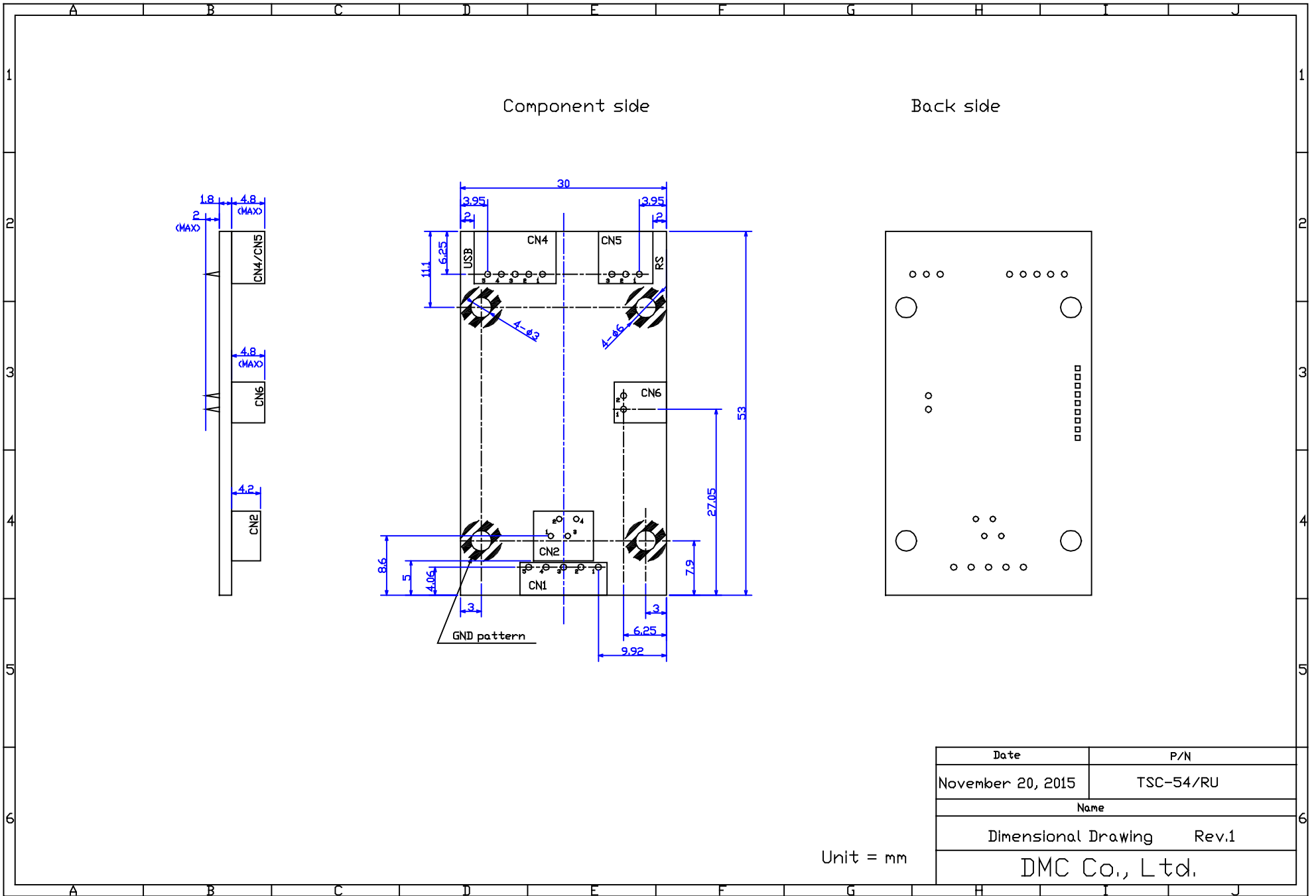
Unit = mm

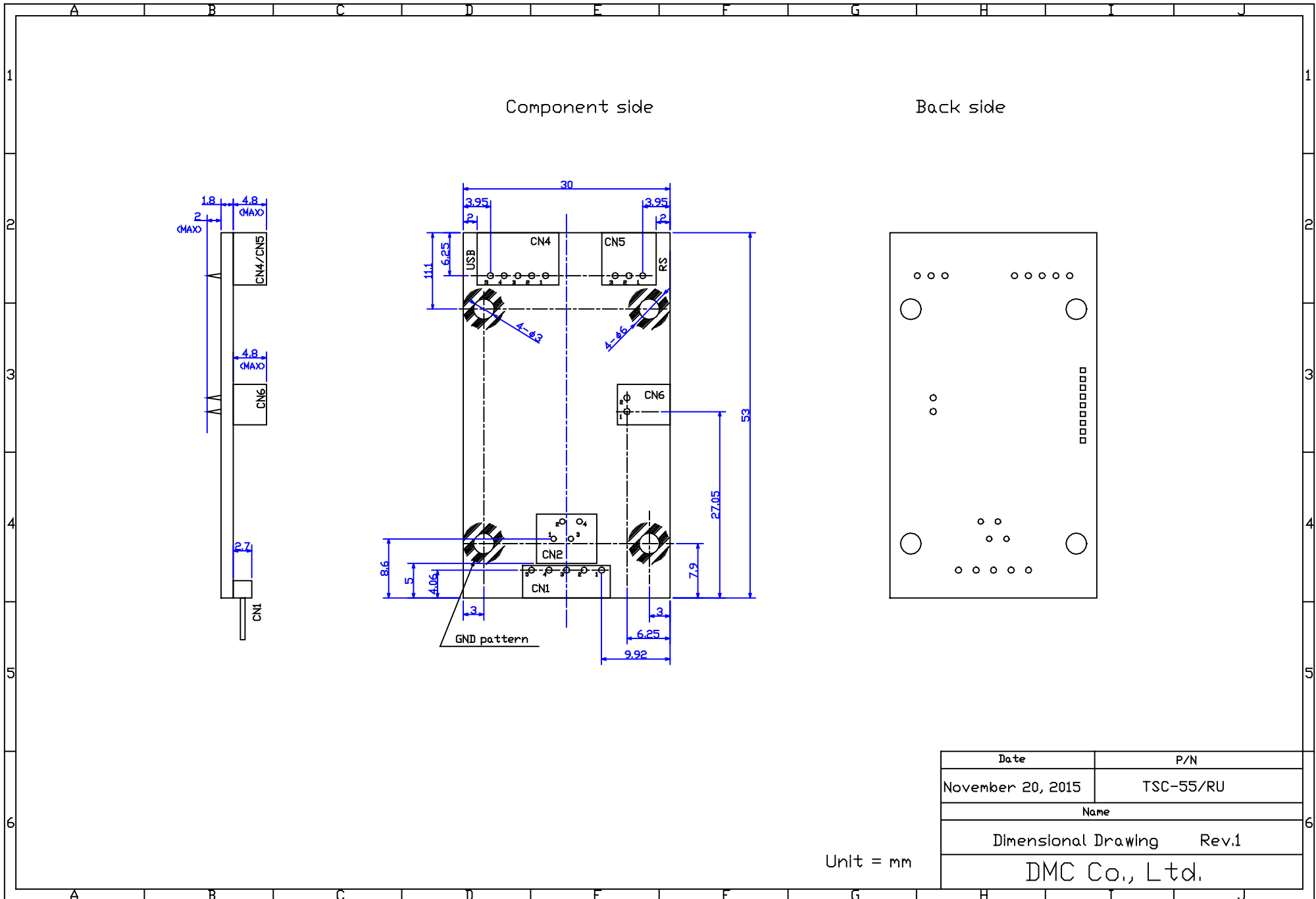
| | |
|---------------------|--------------|
| Date | P/N |
| February 22, 2008 | TSC-44/RSA-E |
| Name | |
| Dimensional Drawing | Rev.1 |
| DMC Co., Ltd. | |



Unit = mm

| | |
|---------------------|--------------|
| Date | P/N |
| February 29, 2008 | TSC-45/RSA-E |
| Name | |
| Dimensional Drawing | Rev.1 |
| DMC Co., Ltd. | |





Component side

Back side

Unit = mm