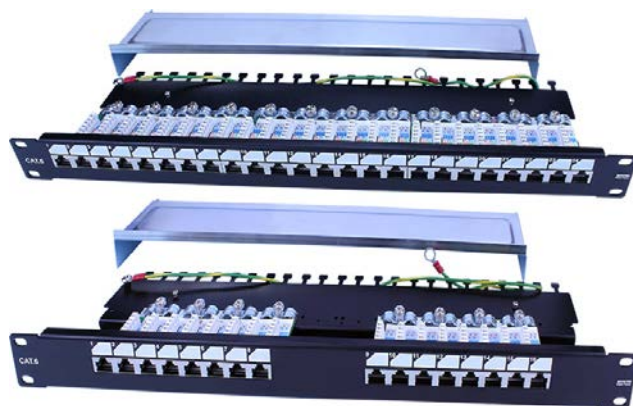


Cat.6 / Cat.5e Fully Shielded Patch Panel

Specification

Meet ANSI/TIA/EIA-568-B.2 Category 5e
Meet ANSI/TIA/EIA-568-B.2-1 Category 6
Meet ISO/IEC Generic Cabling Standard 11801
Meet CENELEC Generic Cabling Standard EN50173



ELECTRICAL

According to UL 1863

Current Rating: 1.5 Amp Max.

Voltage Rating: 150 Volts

Contact Resistance: 20m-ohm

Insulation Resistance: 500M-ohm

Dielectric Withstand Voltage: 1000 VAC RMS, 60Hz 1MIN

MATERIALS

IDC : PC UL 94V-0, Accept 22-26 AWG Solid Cable

PCB : FR-4 1.6m/m thickness, 2 layer

Contact: 0.45mm Phosphor Bronze with 50μ Gold Plating on contact area

Unit: 1U for 19" Rack Mount

Metal Case: 1.6m/m thickness metallic

Ordering information

RP-168C58S	Cat.5e Fully Shielded Patch Panel, 16-P Dual IDC, T568A/B Wired
RP-248C58S	Cat.5e Fully Shielded Patch Panel, 24-P Dual IDC, T568A/B Wired
RP-168C68S	Cat.6 Fully Shielded Patch Panel, 16-P Dual IDC, T568A/B Wired
RP-248C68S	Cat.6 Fully Shielded Patch Panel, 24-P Dual IDC, T568A/B Wired

C5e PATCH PANEL FTP 50u

Performance:

Meets C5e EIA/TIA 568B Standard.

Materials:

Panel : Metal (SPCC)
Panel Cover : Aluminum
Jack : 8P8C 50 micro inches gold plated
PCB : FR-4 / UL-94V0
IDC Body : Fireproof ABS UL-94V0
IDC Pin : Bronze & Tinned

IDC Description : For 22-26 AWG.
For 110 or Krone punch-down Tool

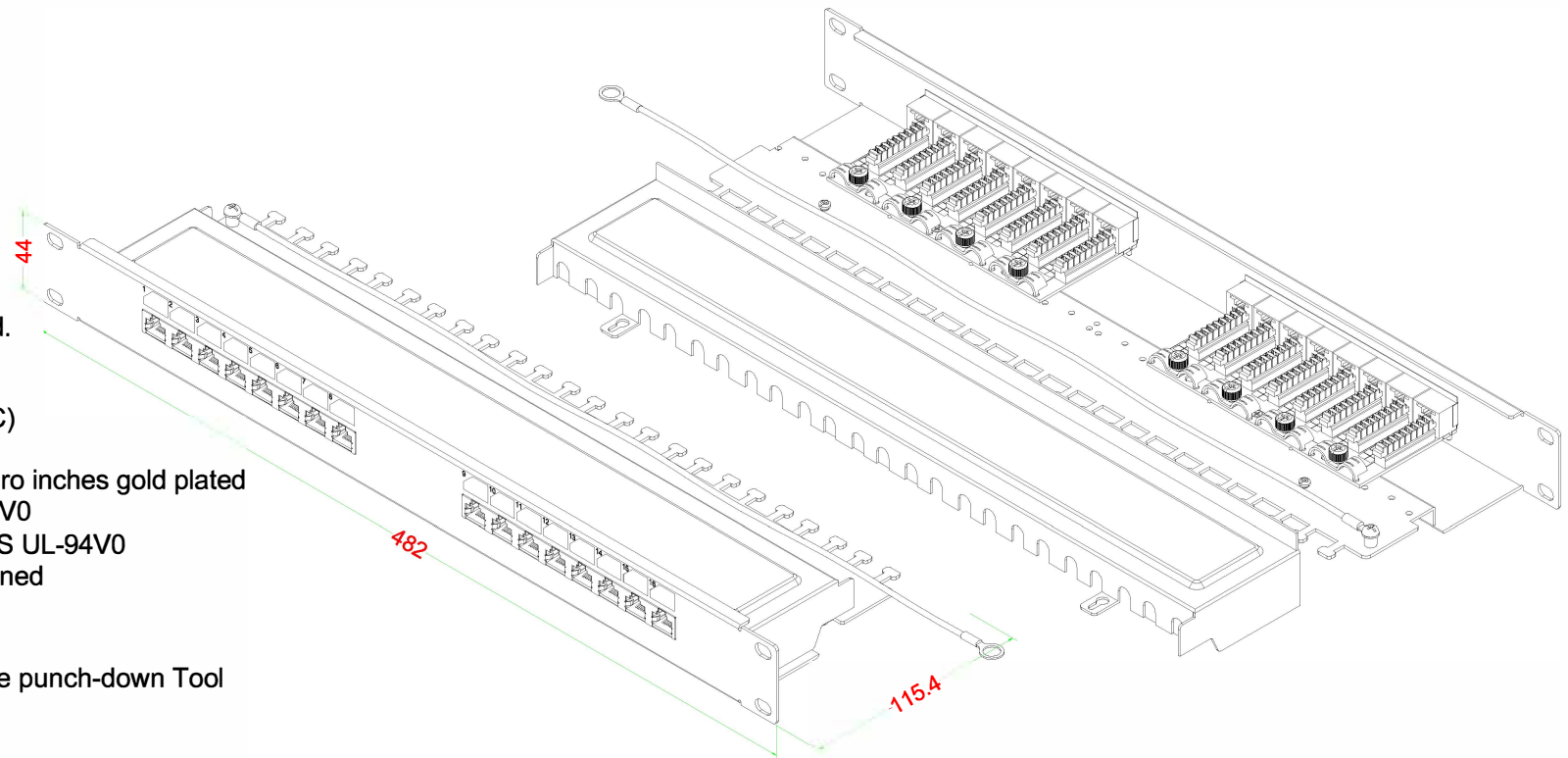
Electrical Specifications:

Insulation Resistance : 500M ohms (min.)
Contact Resistance : 20m ohms (max.)
Current Rating : 1.5 Amps .
DC Resistance : 0.1 ohms (max.)
Withstanding Voltage : 1000 VAC RMS @ 60Hz / 1 min.

Mechanical Specifications:

IDC Punch Down Cycle : Over 250 Cycles (min.)
Jack Insertion Cycle : Over 2000 Cycles (min.)

Operation Temperature : -40 °C ~ +70 °C



DRAW NO:		ITEM NO:	RP-168C58S
	APPR	CUSTOMER:	
UNIT: m/m	DESIGN	DATE:	
SCALE:	Ref. NO:	TOLERANCE:	X ± 1 · X ± 0.2 · XX ± 0.15

REPOTEC REPOTEC CO., LTD.

C6 PATCH PANEL FTP 50u

Performance:

Meets C6 EIA/TIA 568B Standard.

Materials:

Panel : Metal (SPCC)
Panel Cover : Aluminum
Jack : 8P8C 50 micro inches gold plated
PCB : FR-4 / UL-94V0
IDC Body : Fireproof ABS UL-94V0
IDC Pin : Bronze & Tinned

IDC Description : For 22-26 AWG.
For 110 or Krone punch-down Tool

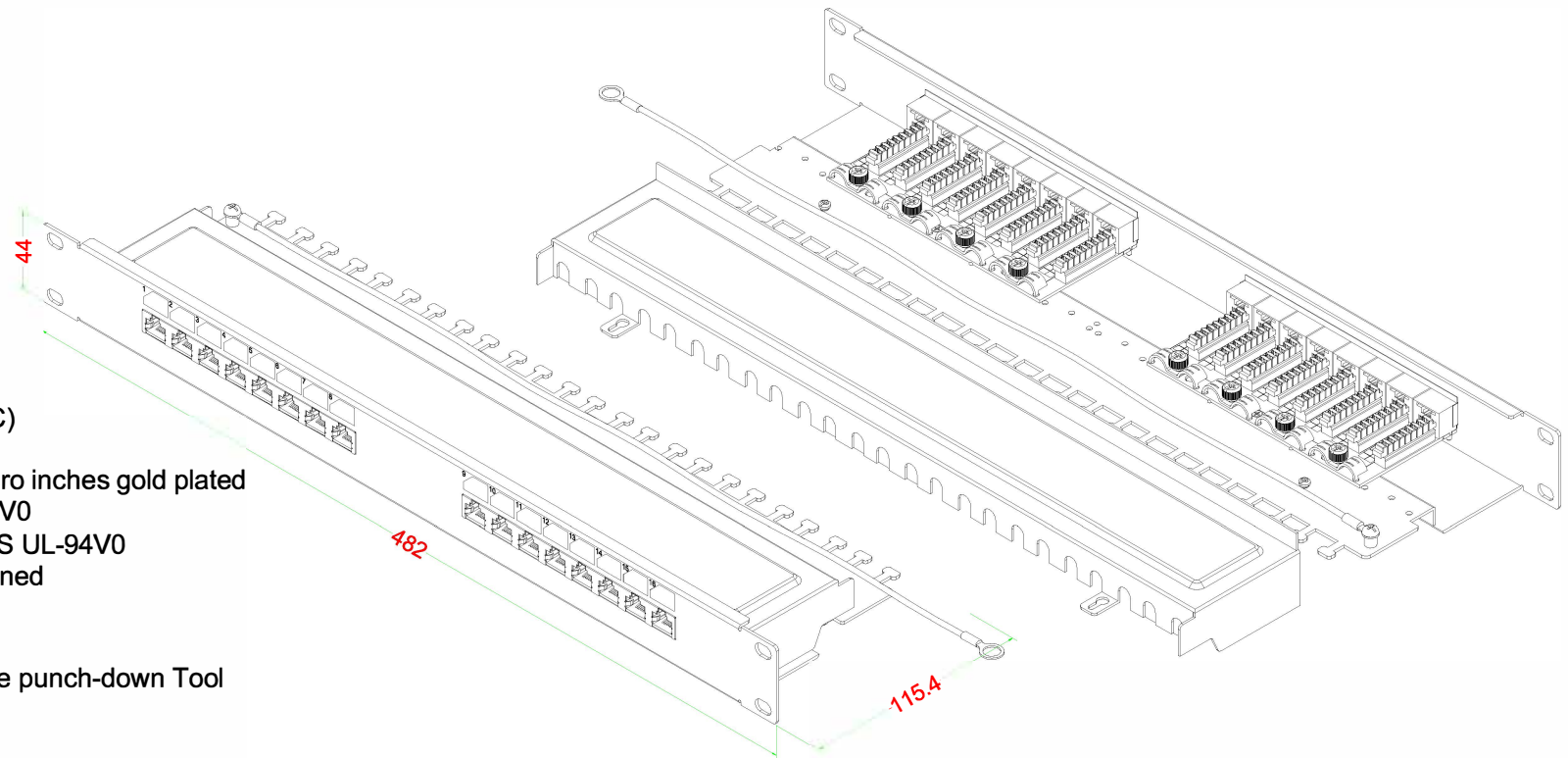
Electrical Specifications:

Insulation Resistance : 500M ohms (min.)
Contact Resistance : 20m ohms (max.)
Current Rating : 1.5 Amps .
DC Resistance : 0.1 ohms (max.)
Withstanding Voltage : 1000 VAC RMS @ 60Hz / 1 min.

Mechanical Specifications:

IDC Punch Down Cycle : Over 250 Cycles (min.)
Jack Insertion Cycle : Over 2000 Cycles (min.)

Operation Temperature : -40 °C ~ +70 °C



DRAW NO:		ITEM NO:	RP-168C68S
	APPR	CUSTOMER:	
UNIT: m/m	DESIGN	DATE:	
SCALE:	Ref. NO:	TOLERANCE:	X ± 1 · X ± 0.2 · XX ± 0.15

REPOTEC REPOTEC CO., LTD.

C5e PATCH PANEL FTP 50u

Performance:
Meets C5e EIA/TIA 568B Standard.

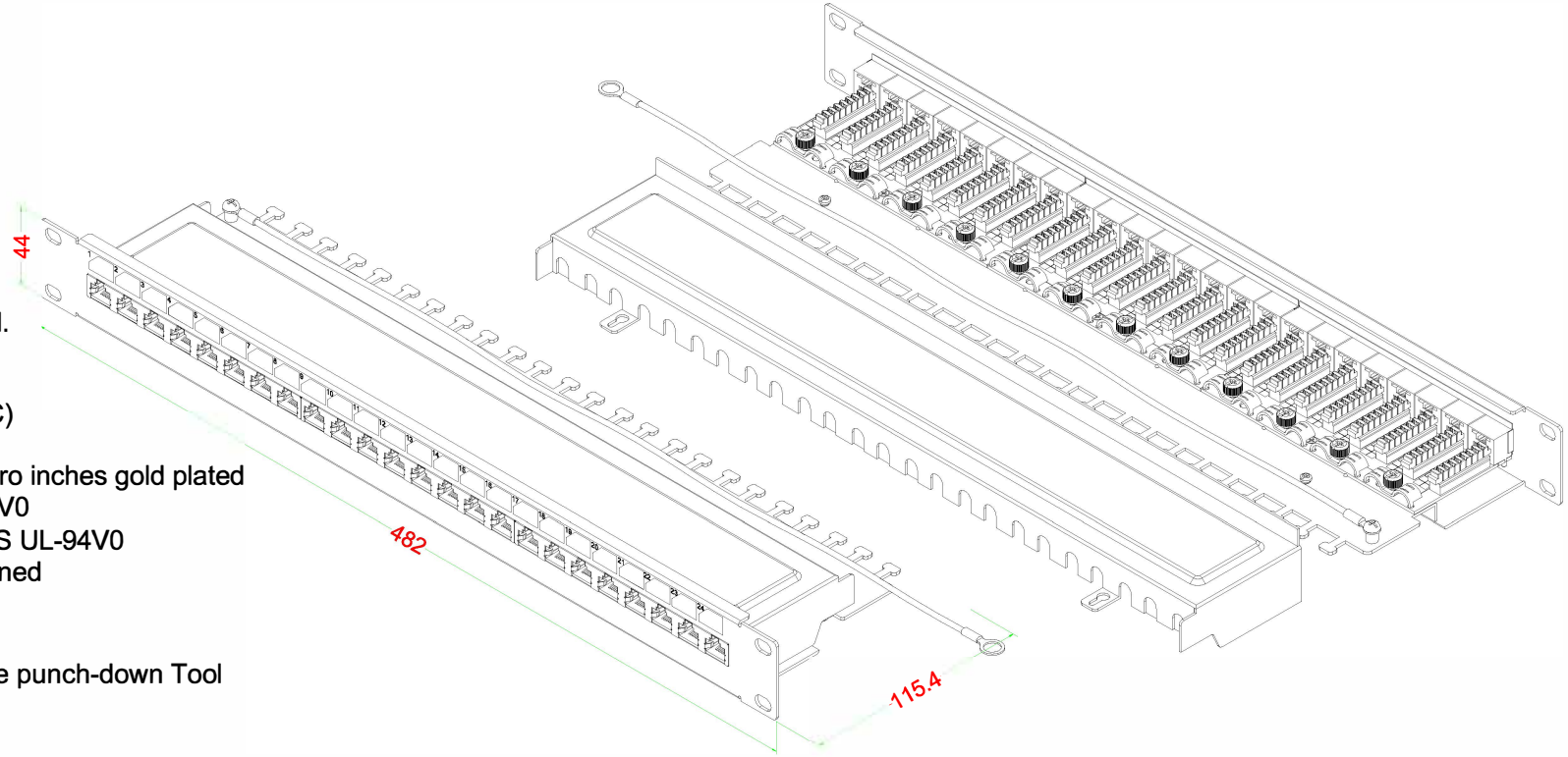
Materials:
Panel : Metal (SPCC)
Panel Cover : Aluminum
Jack : 8P8C 50 micro inches gold plated
PCB : FR-4 / UL-94V0
IDC Body : Fireproof ABS UL-94V0
IDC Pin : Bronze & Tinned

IDC Description : For 22-26 AWG.
For 110 or Krone punch-down Tool

Electrical Specifications:
Insulation Resistance : 500M ohms (min.)
Contact Resistance : 20m ohms (max.)
Current Rating : 1.5 Amps .
DC Resistance : 0.1 ohms (max.)
Withstanding Voltage : 1000 VAC RMS @ 60Hz / 1 min.

Mechanical Specifications:
IDC Punch Down Cycle : Over 250 Cycles (min.)
Jack Insertion Cycle : Over 2000 Cycles (min.)

Operation Temperature : -40 °C ~ +70 °C



DRAW NO:		ITEM NO:	RP-248C58S
	APPR	CUSTOMER:	
UNIT: m/m	DESIGN	DATE:	
SCALE:	Ref. NO:	TOLERANCE:	X ± 1 · X ± 0.2 · XX ± 0.15

REPOTEC REPOTEC CO., LTD.

C6 PATCH PANEL FTP 50u

Performance:

Meets C6 EIA/TIA 568B Standard.

Materials:

Panel : Metal (SPCC)
Panel Cover : Aluminum
Jack : 8P8C 50 micro inches gold plated
PCB : FR-4 / UL-94V0
IDC Body : Fireproof ABS UL-94V0
IDC Pin : Bronze & Tinned

IDC Description : For 22-26 AWG.
For 110 or Krone punch-down Tool

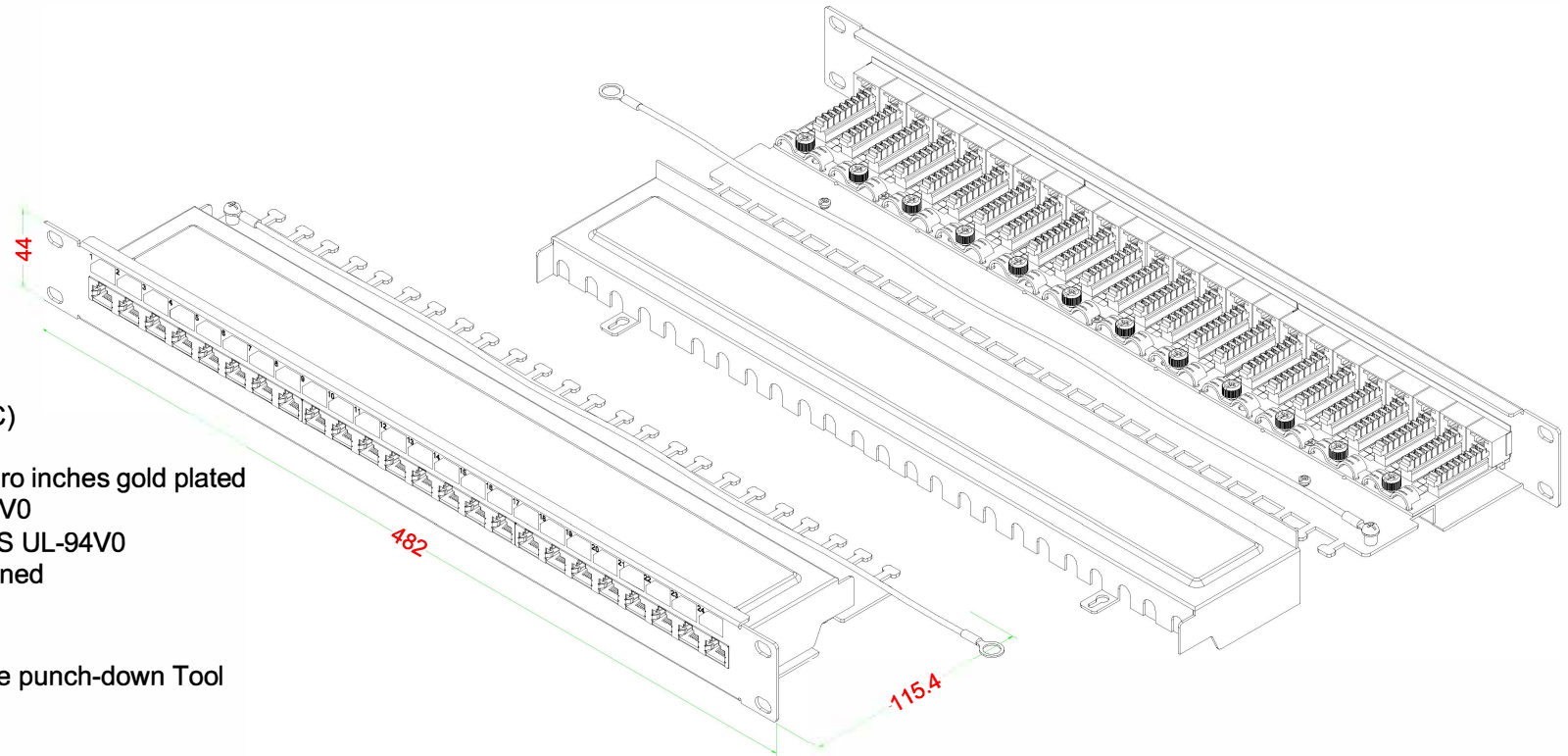
Electrical Specifications:

Insulation Resistance : 500M ohms (min.)
Contact Resistance : 20m ohms (max.)
Current Rating : 1.5 Amps .
DC Resistance : 0.1 ohms (max.)
Withstanding Voltage : 1000 VAC RMS @ 60Hz / 1 min.

Mechanical Specifications:

IDC Punch Down Cycle : Over 250 Cycles (min.)
Jack Insertion Cycle : Over 2000 Cycles (min.)

Operation Temperature : -40 °C ~ +70 °C



DRAW NO:		ITEM NO:	RP-248C68S
	APPR	CUSTOMER:	
UNIT: m/m	DESIGN	DATE:	
SCALE:	Ref. NO:	TOLERANCE:	X ± 1 · X ± 0.2 · XX ± 0.15

REPOTEC REPOTEC CO., LTD.