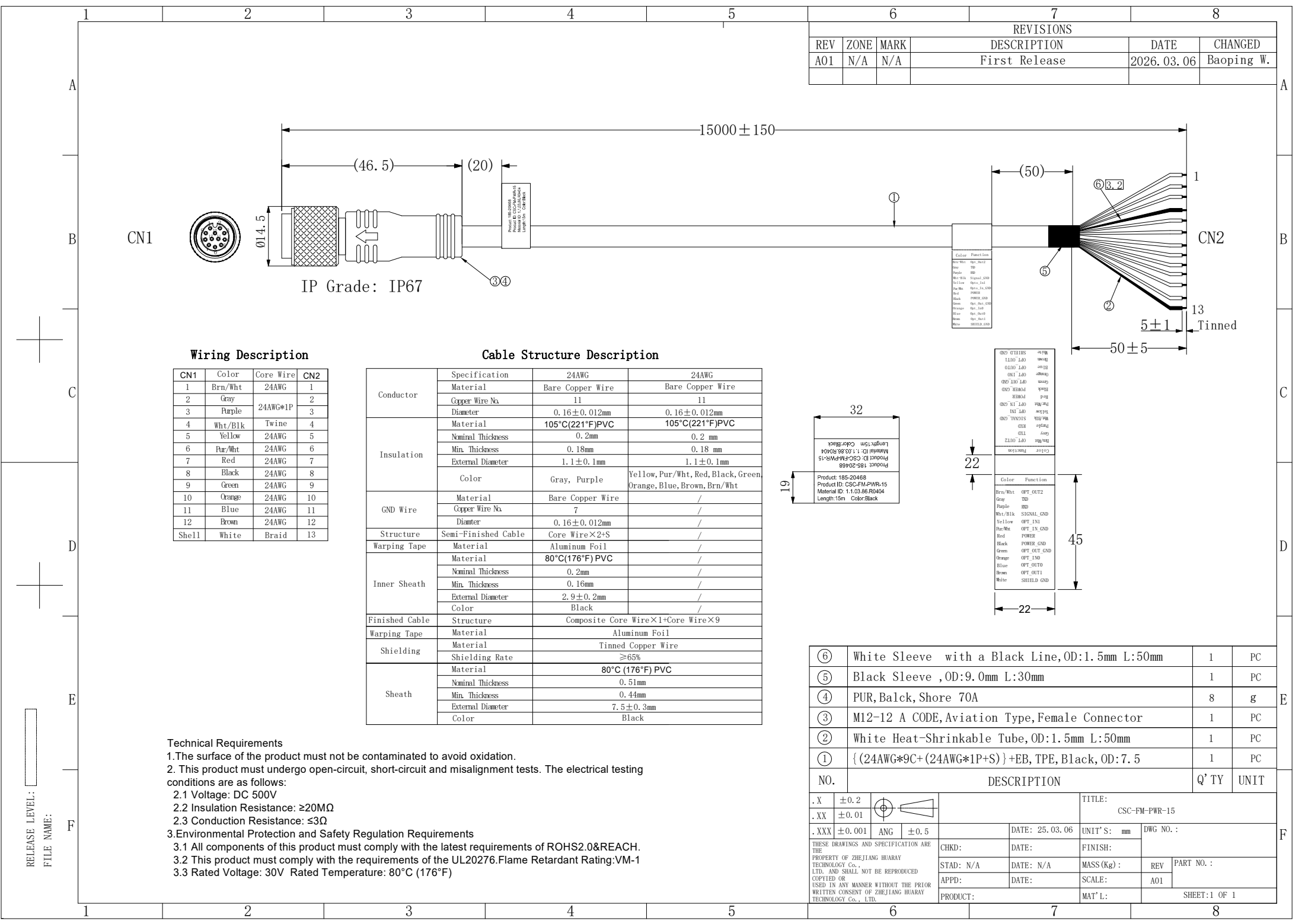




REV			DESCRIPTION		DATE	CHANGED
A01			First Release		2026.03.06	Baoping W.



IP Grade: IP67

Wiring Description

CN1	Color	Core Wire	CN2
1	Brn/Wht	24AWG	1
2	Gray	24AWG	2
3	Purple	24AWG*1P	3
4	Wht/Blk	Twine	4
5	Yellow	24AWG	5
6	Pur/Wht	24AWG	6
7	Red	24AWG	7
8	Black	24AWG	8
9	Green	24AWG	9
10	Orange	24AWG	10
11	Blue	24AWG	11
12	Brown	24AWG	12
Shell	White	Braid	13

Cable Structure Description

Conductor	Specification	24AWG	24AWG
	Material	Bare Copper Wire	Bare Copper Wire
	Copper Wire No.	11	11
	Diameter	0.16±0.012mm	0.16±0.012mm
Insulation	Material	105°C(221°F)PVC	105°C(221°F)PVC
	Nominal Thickness	0.2mm	0.2 mm
	Min. Thickness	0.18mm	0.18 mm
	External Diameter	1.1±0.1mm	1.1±0.1mm
GND Wire	Color	Gray, Purple	Yellow,Pur/Wht, Red, Black, Green, Orange,Blue, Brown, Brn/Wht
	Material	Bare Copper Wire	/
	Copper Wire No.	7	/
	Diamter	0.16±0.012mm	/
Structure	Semi-Finished Cable	Core Wire×2+S	/
Warping Tape	Material	Aluminum Foil	/
Inner Sheath	Material	80°C(176°F) PVC	/
	Nominal Thickness	0.2mm	/
	Min. Thickness	0.16mm	/
	External Diameter	2.9±0.2mm	/
	Color	Black	/
Finished Cable	Structure	Composite Core Wire×1+Core Wire×9	
Warping Tape	Material	Aluminum Foil	
	Material	Tinned Copper Wire	
Shielding	Shielding Rate	≥65%	
	Material	80°C (176°F) PVC	
Sheath	Nominal Thickness	0.51mm	
	Min. Thickness	0.44mm	
	External Diameter	7.5±0.3mm	
	Color	Black	

Technical Requirements

- The surface of the product must not be contaminated to avoid oxidation.
- This product must undergo open-circuit, short-circuit and misalignment tests. The electrical testing conditions are as follows:
 - 1 Voltage: DC 500V
 - 2 Insulation Resistance: ≥20MΩ
 - 3 Conduction Resistance: ≤3Ω
- Environmental Protection and Safety Regulation Requirements
 - 1 All components of this product must comply with the latest requirements of ROHS2.0&REACH.
 - 2 This product must comply with the requirements of the UL20276.Flame Retardant Rating:VM-1
 - 3 Rated Voltage: 30V Rated Temperature: 80°C (176°F)

⑥	White Sleeve with a Black Line, OD:1.5mm L:50mm	1	PC
⑤	Black Sleeve , OD:9.0mm L:30mm	1	PC
④	PUR, Balck, Shore 70A	8	g
③	M12-12 A CODE, Aviation Type, Female Connector	1	PC
②	White Heat-Shrinkable Tube, OD:1.5mm L:50mm	1	PC
①	{(24AWG*9C+ (24AWG*1P+S)) +EB, TPE, Black, OD:7.5	1	PC
NO.	DESCRIPTION	Q' TY	UNIT
. X	±0.2	TITLE: CSC-FM-PWR-15	
. XX	±0.01		
. XXX	±0.001	ANG	±0.5
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CHKD:	DATE:	FINISH:	DWG NO. :
STAD: N/A	DATE: N/A	MASS (Kg) :	REV
APPD:	DATE:	SCALE:	A01
PRODUCT:	MAT' L:		SHEET:1 OF 1