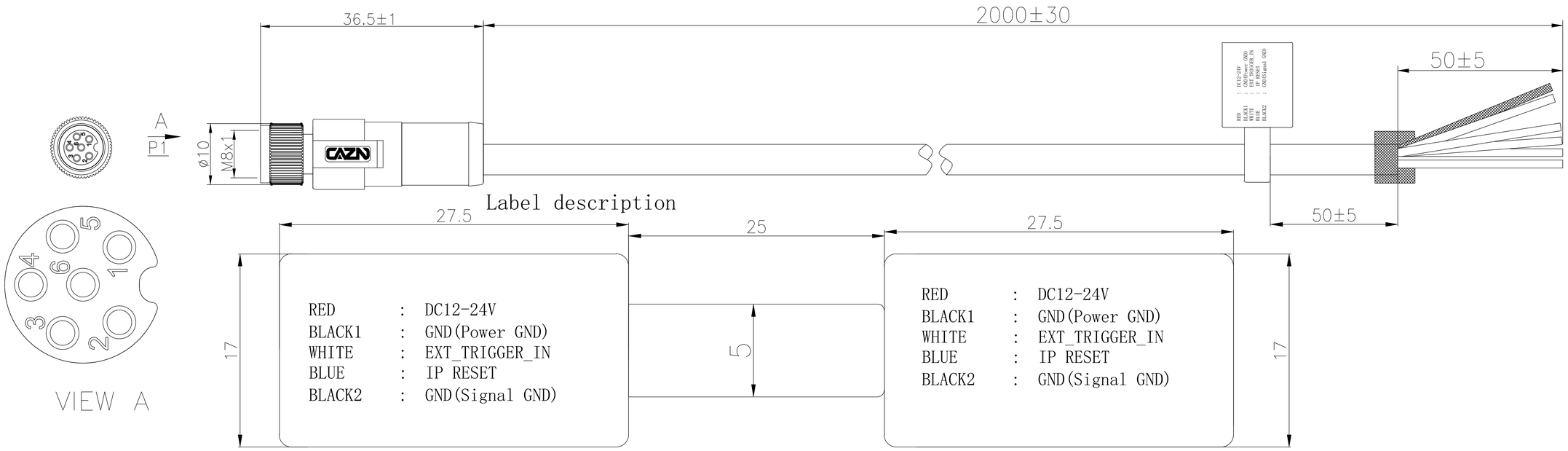
Version	Discription	Mender	Date



Connector General Specifications	
Connector locking system	Screw
Termination	Solder
Temperature range	-25℃～+80℃
Class of pollution	3
Degree of protection	IP67
Machenical mating	≥500
Rated voltage	50V AC, 60V DC
Rated current	0.5A
Contact resistance	≤5mΩ
Insulation resistance	≥100MΩ
IEC standard	IPC-A-620

Short Circuit

Wire Diagram

P1	Wire Color	Open	Line number	Definition
1	Black		22AWG	GND
2	Red		22AWG	24V
3	White		28AWG	EXT_Trigger
4	Yellow		28AWG	Exposure_timing
5	Black		28AWG	GND
6	Blue		28AWG	IP RESET
Shell	Braid Shield			

GENERAL TOLERANCE (UNLESS SPECIFIED) N/A	DWN		Goermicro
	CHK		
	APVD		TITLE M8 A Aviation Plug DC Cable
THIRD ANGLE	UNIT MM	REV A	PART NO 314000309436
	SIZE A4	SHEET 1 F 1	DRAWING NO