

Specifications:

Material And Finish:

Insulator:PA66 UL94V-0

Contact:Copper alloy

Plated:Silver Plated

Wire Specifications:10/16/25mm²

Insertion force:≤75N

Rating:

Current Rating:120 Amp

Operating Voltage:1000V DC

Operating Temperature Range:-40°~+125°C

Electrical:

Contact resistance:0.2m Ohm Max

Insulator resistance:500MΩ Min

Withstanding Voltage:3000V AC/Minute

Protection level: IP67/UL94 V-0 after mutual matching

temperature rise:45℃ Max

Ordering Information

HVCN06SM-01AG-XX-XA

1:—Series No.

2:—S: Straight Type

3:—M: Male

4:—No. of Positions

5:—AG: Silver Plated

6:—01: M6 threaded hole

02: T5 through hole type(with M5 screw throughhole)

03: LD6 screw type(external screw M6)

04: LM6 Nut type(internal thread M6)

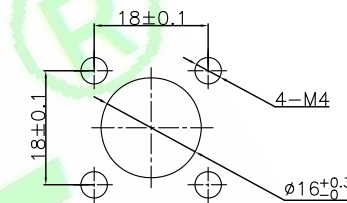
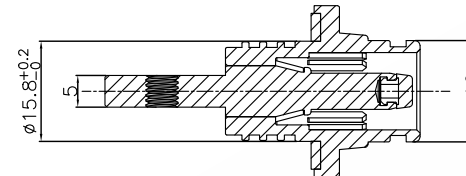
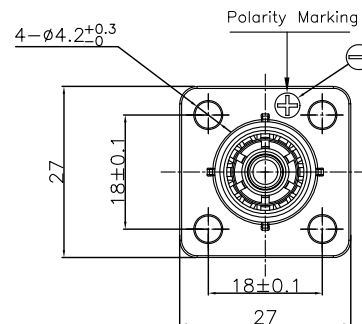
05: H25 wire type(25mm² wire)

7:—B: Black Cathode

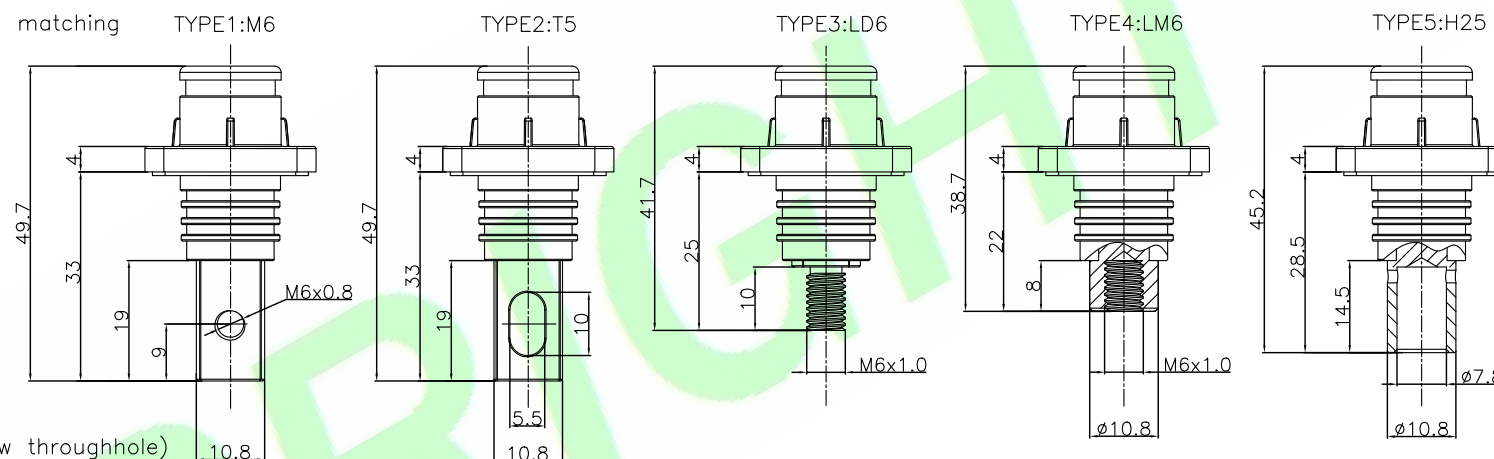
O: Orange Anode

R: Red Anode

8:—A: In Bag



Mounting Panel



P/N	Color	Electrode	Connection mode
HVCN06SM-01AG-01-BA	Black	Cathode	M6 threaded hole
HVCN06SM-01AG-02-BA			T5 through hole type(with M5 screw throughhole)
HVCN06SM-01AG-03-BA			LD6 screw type(external screw M6)
HVCN06SM-01AG-04-BA			LM6 Nut type(internal thread M6)
HVCN06SM-01AG-05-BA			H25 wire type(25mm ² wire)
HVCN06SM-01AG-01-RA	Red	Anode	M6 threaded hole
HVCN06SM-01AG-02-RA			T5 through hole type(with M5 screw throughhole)
HVCN06SM-01AG-03-RA			LD6 screw type(external screw M6)
HVCN06SM-01AG-04-RA			LM6 Nut type(internal thread M6)
HVCN06SM-01AG-05-RA			H25 wire type(25mm ² wire)

5X				DR.BY: Jamin	GENERAL TOLERANCE:		PART NO : HVCN06SM-01AG-XX-XA		HJBRIGHT® 东莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED THIRD ANGLE PROJECTION A4		
4X					LINEAR ANGLES		DWG. NO.:				
3X				CHKD.: Mark	X.: X': ±5.0°	TITLE : CN06 120A Socket Connector					
2X					X.X: ±1.00 X.X': ±3.0°						
1X	ORIGINAL	Jamin		APPD.: Billy	X.XX: ±0.50 X.XX': ±2.0°	DATE: 30-Apr-2025		SHEET: 1/1			
REV.	DESCRIPTION	DR.BY	ECN. NO.		X.XXX: ±0.25 X.XXX': ±1.0°			SCALE: 1:1			
								UNIT: mm			