REV	CONTENT	CHK	DATE
M0	CONTENT	LJL	26.09.09

NOTES:

UL/CUL Standard

1.Conductor cross section : 28~12AWG

2.Rated torque : M2.5 , 0.4N.m

3.Rated Voltage/Current :

Use group	B	C	D
Rated voltage(V)	300	–	–
Rated current(A)	–	–	–

IEC Standard

1.Conductor cross section :

Wire range(Solid/Stranded)	0.2–2.5mm²
Solid	0.2–4mm²
Stranded	0.2–2.5mm²
Stranded with ferrules without plastic sleeve	0.2–2.5mm²
Stranded with ferrules with plastic sleeve	0.2–1.5mm²

2.Rated torque : M2.5 , 3.54Lb.in

3.Rated Voltage/Current :

Surge voltage category	Ⅲ
Pollution degree	3
Rated surge voltage(KV)	6
Rated voltage(V)	500
Rated current(A)	–

General information:

1.Dimension shall be interpreted per ASME Y14.5–2009

2.Stripping length : 8–9mm

3.Operating temperature:–40°C~+105°C

4.RoHS Compliance

5.Undimensioned Tolerances:

Pitch Range In mm			Nominal Dimension Range In mm						– ⌒ ▱
TO 6	Over 6 TO 10	Over 10 TO 24	TO 30	Over 30 TO 60	Over 60 TO 100	Over 100 TO 150	Over 150		0.1/10
									∠
±0.15	±0.20	±0.30	±0.30	±0.50	±0.70	±1.00	±1.30		±2°

HOW TO ORDER:

GSDD 2.5–4–PE

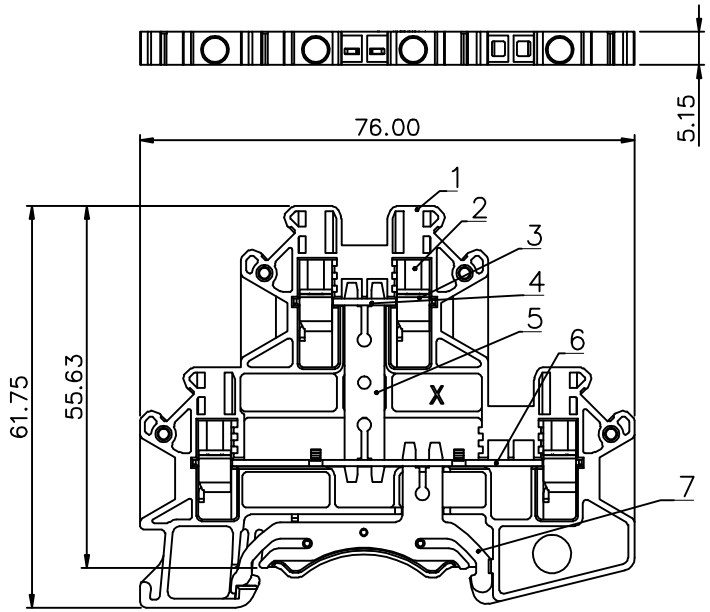
① ② ③ ④

① Sereies No.

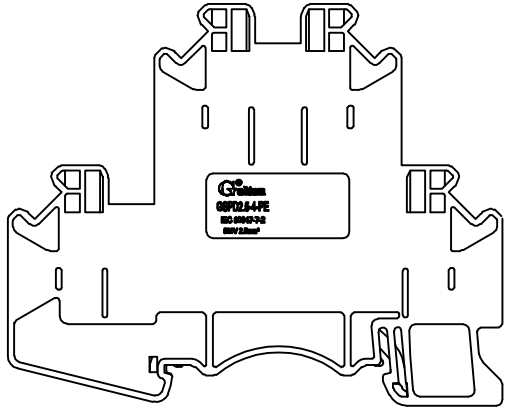
② Wire diameter 0.2~2.5mm²

③ Connection quantity

④ Color: PE:Yellow and Green







ITEM	PAT.NAME.	PAT.NO.	QTY.	MATERIAL	NOTE
7	Ground Pin		1	Copper alloy	Sn Plated
6	Conduct2		1	Copper alloy	Sn Plated
5	Conductor		1	Copper alloy	Sn Plated
4	Conduct1	10012B00010	1	Copper alloy	Sn Plated
3	Cage	X000000400	4	Steel	Zn Plated
2	Screw	S000001880	4	Steel	Zn Plated
1	Housing		1	PA66	UL94V–0

DWG.	LJL	DATE	2026.09.09	SCALE	1:1	UNITS	mm	SHEET	1/1
CHK.		DATE		REV	M0	TYPE:CUSTOMER DRAWING			
APP.		DATE		NAME	GSDD2.5–4–PE				
Golten 宁波冠泰电子有限公司 NINGBO GOLTEN ELECTRONICS CO., LTD.				DWG NO.	XXXX				