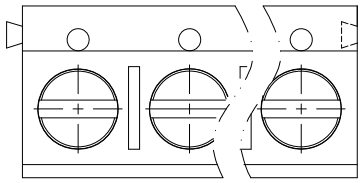
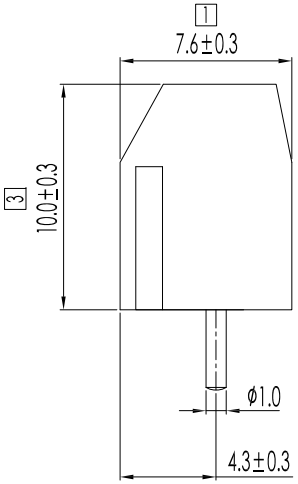
Technical requirements:

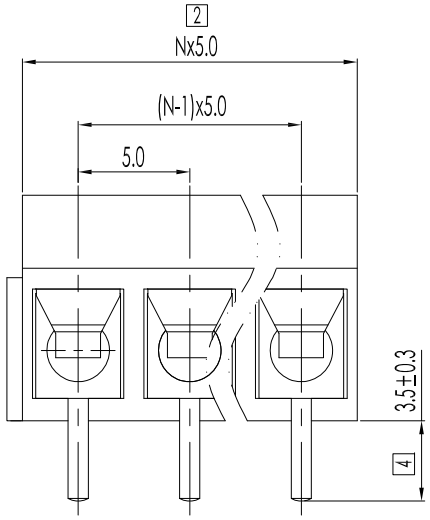
1. The copper buckle spring should not have any detachment, and the screws should be loosened in place.
2. The screw head cannot be scratched, and the screw teeth function normally,The shrapnel cannot oxidize or deform.
3. The printing and color on the surface of the plastic should be correct, and there should be no defects such as shrinkage, water marks, fusion marks, or burrs.

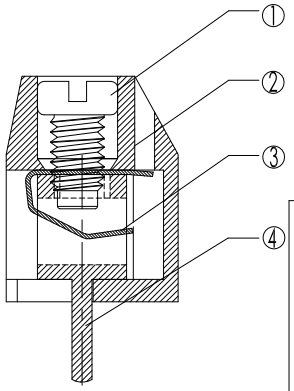
Quality control project:

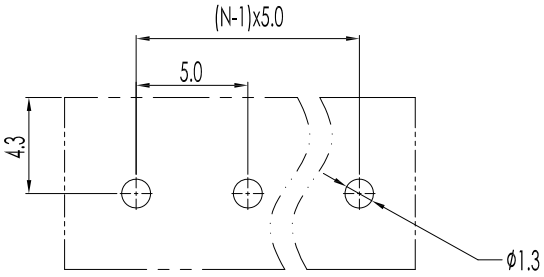
1. Size control: Refer to the " □ " mark.
2. Functional testing.











Recommended P.C.B Layout

Performance Parameters			
Torque	0.4N.m(3.54Lb.in) (4.10Kgf.cm)	0.4N.m(3.54Lb.in) (4.10Kgf.cm)	
Operating temperature	-30℃ - 120℃	-30℃ - 120℃	
Wire Stripping Length	4.5 - 5mm	4.5 -5mm	
Applicable Wires	22 - 14AWG	2.5mm²	
Withstanding Voltage	AC2000V/1Min	AC2000V/1Min	
Insulation Resistance	DC500V 500MΩ	DC500V 500MΩ	
Technical Data	AC300V 12A	AC250V 17.5A	
ITEM	UL	IEC	

Item	Parts Material	Specification	Q'ty	Note	P/N
④	Pin header	Copper alloy/Tin-plating	N Pcs		T-S500G-11-501-CS
③	Reed	Copper alloy/Nickel-plating or stainless steel	N Pcs		T-S500G-11-500-SB
②	Screw	M2.5 steel,Zinc plated,"-"slot type	2 Pcs		T-S500G-11-500-SW
①	Insulator	NyLon 66 ,UL94V-0	1 Pcs		T-S500G-11-500-HS

Rev.	修正 Revisions	
A.01	301V-5.0-1X-CA350-00-SRF-NP	Tony 2016/07/15
B.01	变更料号	Tony 2020/07/21

-Tolerances-
Unless otherwise specified
公差

连接器公差	线材公差
X.X : ±0.25	0-200 : ±5
X.XX : ±0.15	200-800 : ±10
X.XXX: ±0.05	800-1490 : ±20
X.° : ±2°	L >1490 : ±30

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機型 Model	-	核准 Approved	Tian 07/21/'20
客號 Customer P/N	-	審核 Checked	郑岚 07/21/'20
盛瑞料號 Part No.	T-S301A-V1-500-xP-x	安規 Safety	
Environmental standard	RoHS	製圖 Drawn	Tong 07/21/'20
單位 Unit:MM 比例 Scale	Third angle projection	頁碼 Page	1/1

圖名 Description:
Pitch 5.00mm Female Style P.C.B Connector