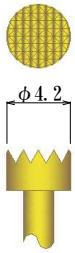
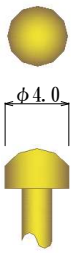
High Current probe pin

Specifications
- Pre load : 1.25N/127gf
- Load : 2.52N/257gf at 4.0mm travel
- Full Travel : 6.0mm
- Working Travel : 4.0mm

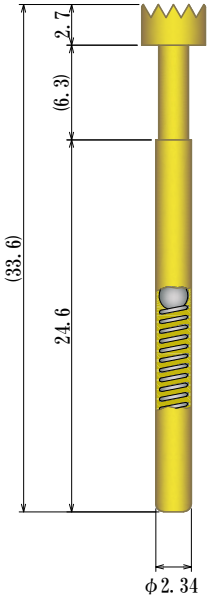
Materials
- Barrel : Copper alloy
- Plunger : Beryllium copper
- Coil spring : Stainless steel
- Ball : Steel, Ni plating
- Receptacle : Copper alloy

Tip Type

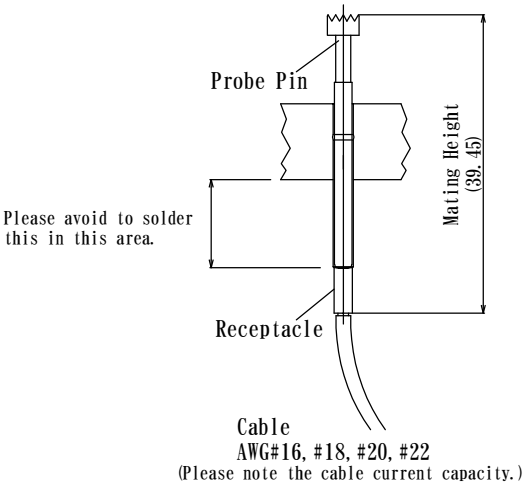
CRN	SPH
	
Multipoint Crown	Spherical
20A max	20A max

88YH-F234-L335-CRN

Plunger
Tip Type (See table left)
CRN SPH



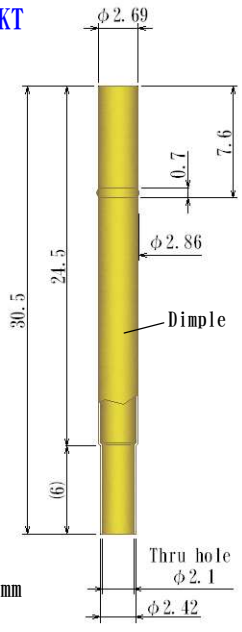
How to Use



Please refer to 1T2 for the soldering procedure of the cable with receptacle.

Receptacle

88YH-F234-L305-SKT



Mounting Hole Dia.
: φ2.77±0.02mm

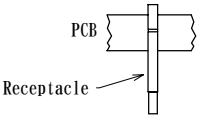
High Current Probe Pin
Instruction of assembly and how to cable soldering

Please follow the step as below to assemble.

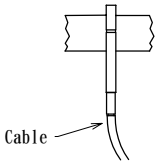
STEP 1
Press receptacle into the PCB.

STEP 2
Solder the cable to the bottom of the Receptacle.

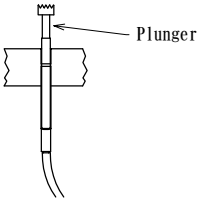
STEP 3
Insert the Plunger into the Receptacle.



Please check the top and bottom of the receptacle in advance.
Larger outer diameter is upper side, and the smaller one is the lower side.

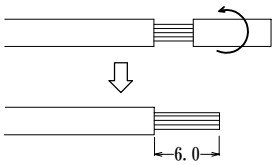


Please refer to the procedure below for the soldering method.



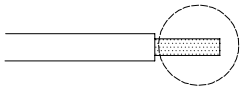
Receptacle 88YH-F234-L305-SKT Soldering Procedure

① To divide the sheath(cover)of the cable with 6 mm.
Peel a little sheath with wire stripper, etc.,
and then peel it off while twisting on the sheath.



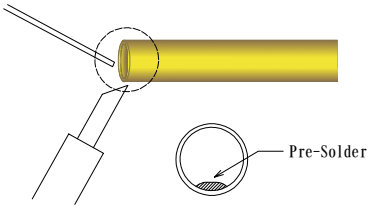
Cable Stripp Length

② Apply the flux to the cable core,
and then pre-solder the cable core.



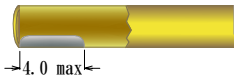
【Note】
Please use an appropriate size soldering iron.
If apply too much solder, the cable would not able to fit into the receptacle.

③ Apply flux to the inside of the receptacle and apply small amount of pre-solder to the bottom of the cylinder.



Point the soldering iron to the inside of the receptacle makes the work more easier.

【Note】



Please don't pour more than 4 mm from the end face when soldering.
If pour too much solder, it may crawl up and not able to insert the plunger.

④ Put the cable in the receptacle while heating the base of the cable core wire with soldering iron and solder it.
Do not put all the core inside the cable, leave it about 2 mm outside the receptacle.