

Recommended pc board hole layout

Diameter of finished plated-through hole.
 $\phi 0.7 \pm 0.02$ Diameter of drilled hole.

REVISIONS

REV	DESCRIPTION	DATE	DRAWN	APPROVED
AO				
A1	▽x1	2016.03.31	Lzk	

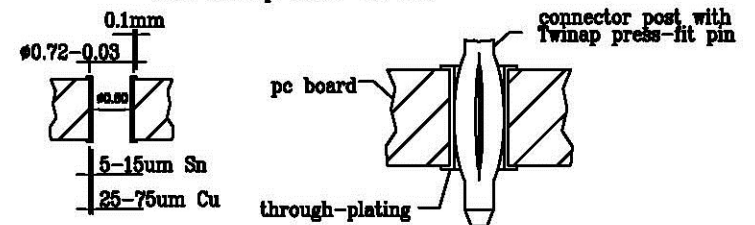
2.0mm Hard Metric Connectors 3 POWER CONTACTS
 Technial data

Grid Size: 2.0mm
 Operating temperature: -55°C to +125°C
 Insulation Material: Glass filled Polyester,UL94V-0
 Contact Material: Phosphor Bronze
 Contact Plating: 30U" Gold plated on contact area, Tin-plated on tail
 Air and Creepage Distance: 0.6mm
 Press-in force: 100N/pin Max
 Retention force: 10N/pin Min ∇
 Withdrawal Force: 0.15N Min.
 Termination Technique: Compliant Press-Fit
 Misalignment: Longitudinal ± 2.0 mm
 Latitudinal ± 2.5 mm
 Current Rating: 9.0A AT 20°C, 7.0A AT 70°C, 4.5A AT 100°C
 Dielectric strength: contact---contact 1000V
 Contact Resistance: <math>< 20M</math>(ohm)
 Insulation Resistance: >math>10^4</math>M(ohm)

Recommended P.C.B Plated Through Holes

Drilled Hole $\phi 0.69-0.72$ mm
 Cu Min.25um
 Sn 5-15um
 Plated Though Hole $\phi 0.55-0.65$ mm

Cu Longitudinal Section of P.T.H.
 Sn With Twinap Press-Fit Pin



MATERIAL:	DRAWN: Lzk	DATE: 2016.03.31	EPTSH			
FINISH:	DESIGN:					
ALL DIMENSIONS ARE IN mm	CHECKED:		TITLE			
THIRD ANGLE PROJECTION	APPROVED:		ESH1688H3P-30			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			PART NUMBER:		SERIES:	
GENERAL TOLERANCE ANGLE TOLERANCE			DRAWING NUMBER		REV	SCALE
X. ± 0.30	X' $\pm 3.0'$					
.X ± 0.25	.X' $\pm 2.0'$					
.XX ± 0.15	.XX' $\pm 1.0'$					
.XXX ± 0.05	.XXX' $\pm 1.0'$					
			AO		A4	1 OF 1