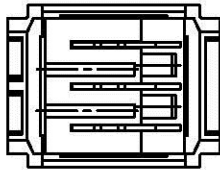
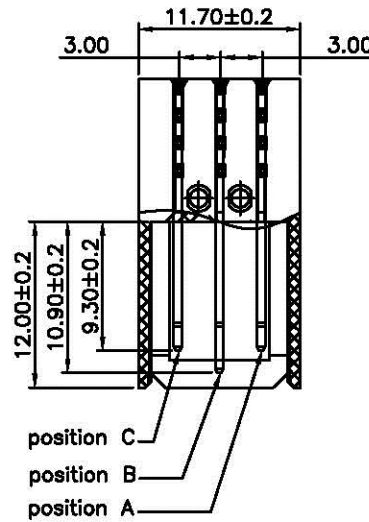
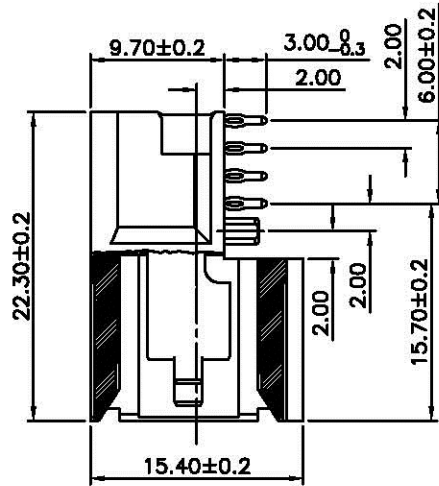


REVISIONS						
REV	DESCRIPTION	EC No.	DATE	DRAWN	CHECKED	APPROVED
AD	NEW		2012.07.17	WWK		

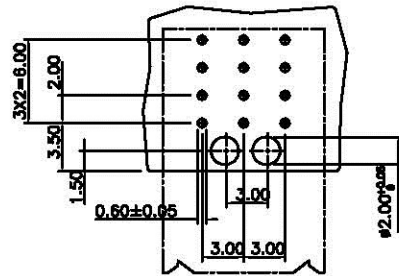
# 2.0mm Hard Metric Connectors 3 POWER CONTACTS

## Technical 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:	300' Au plated on contact area, Tin plated on the tails
Air and Creepage Distance:	2.6mm
Press-in force:	100N/pin Max
Retention force:	20N/pin Min
Withdrawal Force:	4N Max.
Termination Technique:	Compliant Press-Fit
Misalignment:	Longitudinal ±2.0mm Latitudinal ±2.5mm
Current Rating:	9.0A AT 20°C, 7.0A AT 70°C, 4.5A AT 100°
Contact Resistance:	<20M(ohm)
Insulation Resistance:	>10 <sup>4</sup> M(ohm)



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

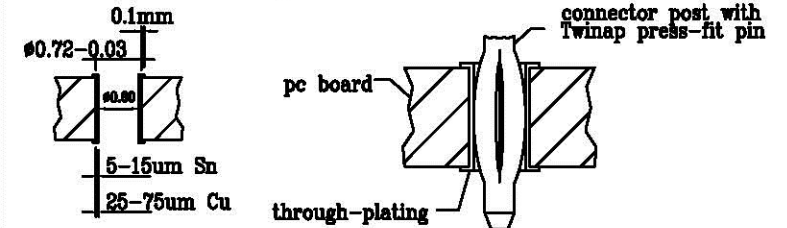


Recommended pc board hole layout

### Recommended P.C.B Plated Through Holes

Dreiled 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: <i>WWK</i>	14.07.04	<b>EPTSH</b>			
FINISH:	DESIGN:					
ALL DIMENSIONS ARE IN mm	CHECKED:		ESH1688H4P3-30			
THIRD ANGLE PROJECTION	APPROVED:		PART NUMBER:		SERIES:	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	GENERAL TOLERANCE	ANGLE TOLERANCE	DRAWING NUMBER	REV	SCALE	SHEET
	X. ±0.30	X' ±3.0°	A0	1:1	A4	1 OF 1
	.X ±0.25	.X' ±2.0°				
	.XX ±0.15	.XX' ±1.0°				
	.XXX ±0.05	.XXX' ±1.0°				