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PART NO. SEE TABLE

REVISIONS			
LTR	DESCRIPTION	Drawing	DATE
A0	新產品發行	Jun.L	12/12'08
B	新增H=4.1規格	Jun.L	02/05'09

CUSTOMER DRAWING

Top view of the connector housing. Dimensions include a total width of 35.10 mm and an inner width of 30.00 mm. A date code area is marked with 'XXXXXX'. The bottom width is 25.40 mm.

Cross-sectional view showing the internal assembly. Dimensions include a terminal thickness of 1.90±0.15 mm, a housing thickness of 1.40±0.15 mm, and a housing depth of 0.35±0.15 mm. Other dimensions shown are 1.60 mm and 1.85 mm.

3D perspective view of the connector housing and terminal assembly, showing the front and side profiles.

NOTE:

1.MATERIAL:
 HOUSING:HIGH TEMPERATURE THERMOPLASTIC,
 TERMINAL:COPPER ALLOY,THICKNESS = 0.25 mm(6PIN),
 COPPER ALLOY,THICKNESS = 0.30 mm(7PIN),
 NUT:COPPER ALLOY,
 LATCH:COPPER ALLOY,

2.PLATING:
 CONTACT:GOLD OVER 50u" MIN NICKEL UNDERPLATE
 SOLDER TAIL:100u"MIN TIN 50u" MIN NICKEL UNDERPLATE
 GOLD SPECIFICATION:SEE TABLE,
 NUT:50u"MIN NI
 LATCH:100u"MIN TIN,

3.ELECTRONICAL SPECIFICATION:
 CURRENT RATING:1.5 AMPERE PER CONTACT
 CONTACT RESISTANCE:30 MILLIOHMS MAX.
 INSULATION RESISTANCE:100 MEGOHMS MIN.
 DIELECTRIC WITHSTANDING VOLTAGE:500 VDC.
 OPERATING TEMPERATURE:-20C~+85C

4.DATE CODE

XXXXXX
 DAY MONTH YEAR

Detailed top view of the terminal assembly. Dimensions include a total width of 20.70±0.15 mm. Individual terminal widths are 7.95±0.08 mm and 10.71±0.08 mm. Terminal heights are 1.15 mm and 1.40±0.08 mm. Labels P6, P1, S7, and S1 are present. Other dimensions include 1.00 mm, 5.00 mm, 1.27 mm, 2.40 mm, 1.00 mm, 4.45 mm, 1.76 mm, 0.40±0.05 mm, and 19.60 mm.

Cross-sectional view of the terminal assembly. Dimensions include a reference length of 12.00 REF and a terminal width of 10.80 mm. Other dimensions shown are 2.10 mm, 1.00 mm, and 1.56 mm.

RECOMMENDED PCB LAYOUT(T=1.20)
 TOLERANCE ±0.05

Diagram showing the recommended PCB layout for the connector. Dimensions include a total width of 23.20 mm and a total length of 30.00 mm. Hole diameters are specified as $\phi 0.60^{+0.10}_{-0.00}$ mm and $\phi 0.70^{+0.10}_{-0.00}$ mm. Other dimensions include 1.00 mm, 5.00 mm, 7.62 mm, 1.27 mm, 4.45 mm, 1.76 mm, 19.60 mm, 0.29 mm, 1.27 mm, $\phi 2.20^{+0.10}_{-0.00}$ mm, and $\phi 1.10^{+0.10}_{-0.00}$ mm.

4.10	007-01-00811	15u"	100u"
	007-01-00810	G/F	100u"
5.00	007-01-00733	15u"	100u"
	007-01-00732	G/F	100u"
DIM=A	料號	鍍金	鍍霧錫

DIMENSION ARE
 MILLIMETERS
 TOLERANCES ARE :
 DECIMALS
 .X ± 0.30
 .XX ± 0.25
 ANGLE:
 X ± 3'

APPROVALS		DATE
DRAWN	Jun.L	02/05'09
CHECKED		
APPROVALS		

TITLE:
SATA 13P母頭兩排DIP+LATCH(3eY)

SIZE	SCALE :	DRAWING NO.	REV.
mm	1 : 1	000663	B

ID NO. XXXXXXXXXX

DESCRIPTION

QTY UNIT DO NOT SCALE DRAWING

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