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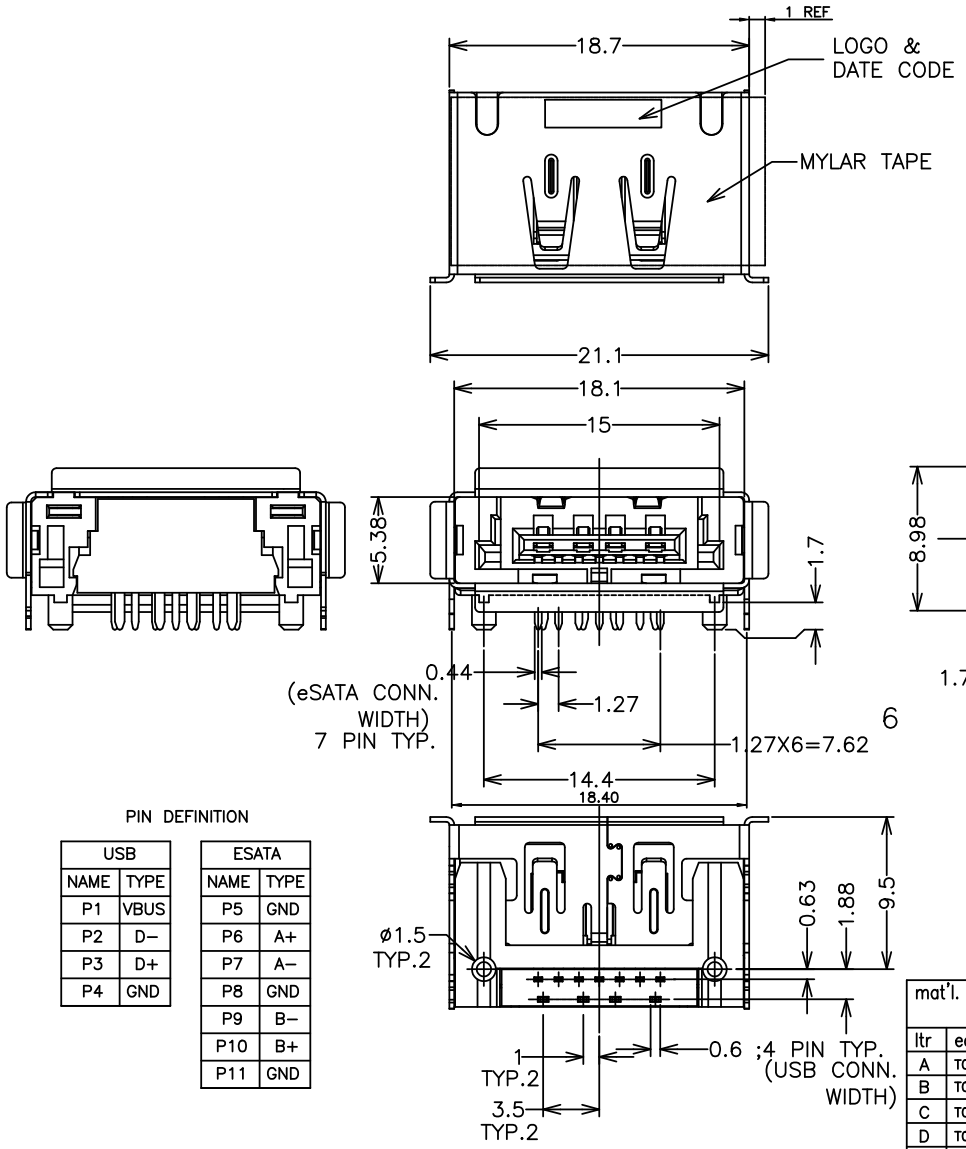
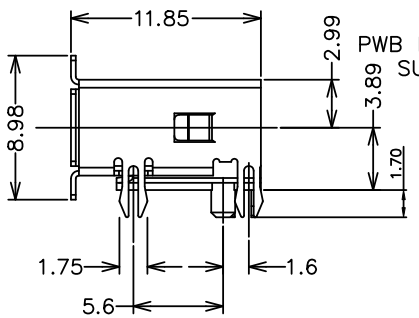
NOTES:
1.MATERIAL:
HOUSING: THERMOPLASTIC HIGH TEMP WITH 30%G/F UL94 V-0
COLOR: BLACK
ESATA CONTACT: BRASS
USB CONTACT: COPPER ALLOY
SHELL: COPPER ALLOY
2.FINISH:
CONTACT: GOLD PLATING ON CONTACT AREA
100m" MIN.TIN PLATING ON SOLDERTAILS
50m" MIN.NICKEL UNDERPLATING OVER ALL
LATCH: 50u" MIN.NICKEL UNDERPLATING OVER ALL
SHELL: 50m" MIN.NICKEL UNDERPLATING OVER ALL
3. THE HOUSING WILL WITHSTAND EXPOSURE TO 260 C TEMP. FOR 10 SECOND IN A WAVE SOLDER APPLICATION WITH A 1.6MM MIN. THICK CIRCUIT BOARD.
4. PRODUCT GS-12-402
PACKING SPEC: GS-14-1099
5. NUMBERING INFORMATION :
10086118 - 00X X LF
LF — LEAD FREE
X — R : T&R PACKING
00 — 1 - 15u" GOLD PLATING

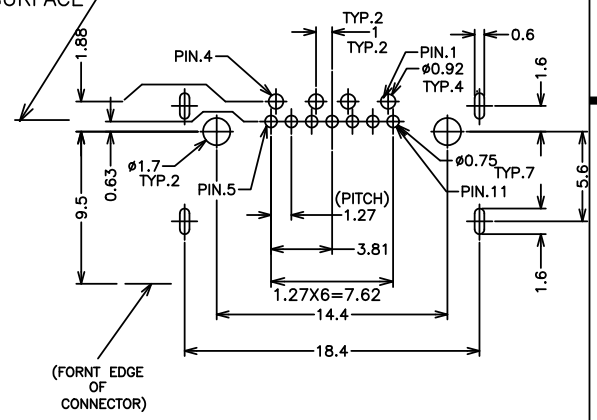


PIN DEFINITION

USB	
NAME	TYPE
P1	VBUS
P2	D-
P3	D+
P4	GND

ESATA	
NAME	TYPE
P5	GND
P6	A+
P7	A-
P8	GND
P9	B-
P10	B+
P11	GND





REFERENCE P.C.BOARD LAYOUT (TOLERANCES ±0.05)
PWB THICKNESS 1.6mm

ltr	ecn no	dr	date
A	T08-1053	S.Lin	03/26/08
B	T08-1076	S.Lin	04/08/08
C	T08-1115	S.Lin	06/23/08
D	T08-1133	S.Lin	07/08/08
E	T09-1013	S.Lin	02/16/09

tolerances unless otherwise specified
linear .X ± 0.38
.XX ± 0.25
.XXX ± 0.10
angles 0° ±2°
dr Sterling Lin 03/26/08
engr Sterling Lin 03/26/08
chr STERLING LIN 03/26/08
appd Minerva Wang 03/26/08

CUSTOMER COPY
projection
MM
scale NA

FCI www.fciconnect.com
title: E SATA + USB 2 IN 1 REVERSE R/A, DIP
product family SATA
code TWN
size A4
dwg no 10086118
sheet 1 of
sheet index
revision E
sheet 1
cage code

STATUS:Released
PDM: Rev:E
Printed: Feb 25, 2009

ACAD

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