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LOC
DW

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
A		RELEASED	14MAR12	JL	WK

NOTES:

1. MATERIAL:

1.1 HOUSING/SPACER: LCP, WITH 30% GF, UL 94V-0, COLOR BLACK

1.2 ESATA CONTACT: BRASS, T=0.20±0.05

1.3 USB CONTACT: PHOSPHOR BRONZE, T=0.25±0.05

1.4 SHELL : PHOSPHOR BRONZE, T=0.30±0.05

1.5 MYLAR: KAPTON, COLOR: BROWN, L x W x T= 20.7 x 10.0 x 0.06

2. FINISH:

2.1 CONTACT:

(SEE TABLE) GOLD PLATING ON CONTACT AREA.

2.54um [100u"] MIN. MATTE-TIN PLATING ON SOLDER TAIL AREA.

1.27um [50u"] MIN. NICKEL UNDERPLATING OVERALL.

2.2 SHELL: 1.27um[50u"] MIN. NICKEL PLATING.

3. REFLOW SOLDER CAPABLE TO 260°C PER TE SPEC. 109-201, CONDITION B.

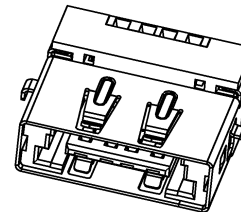
4. LOW HALOGEN SPECIFICATION

CHLORINE(CL): 900 ppm MAX.

BROMINE(BR): 900 ppm MAX.

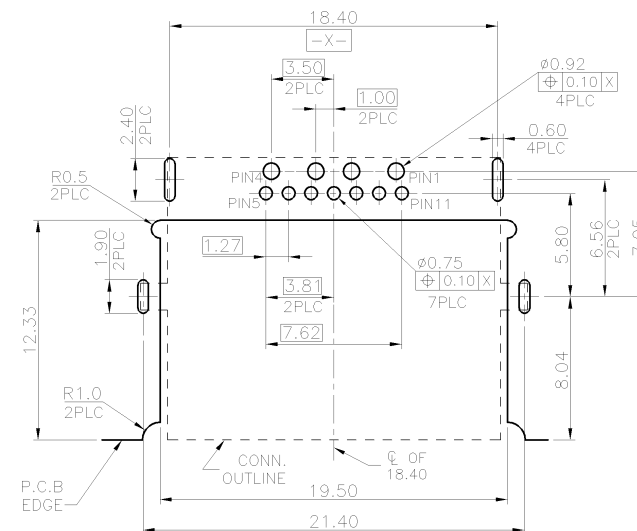
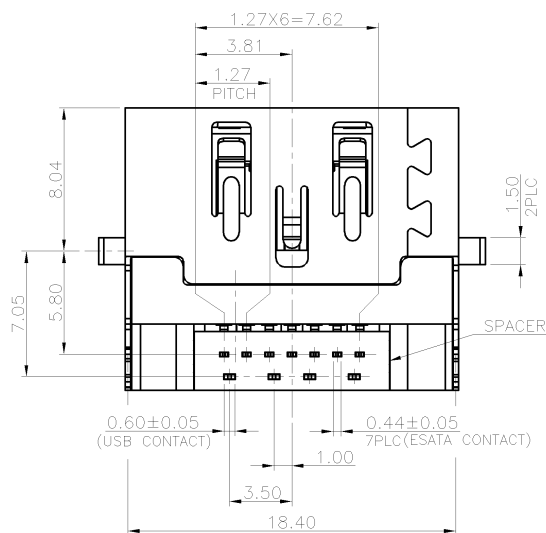
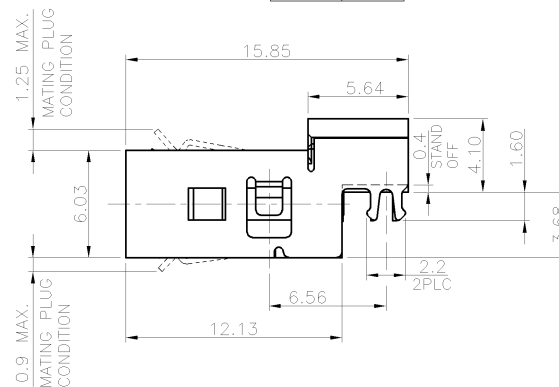
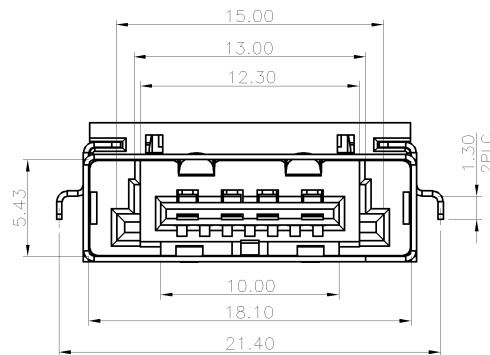
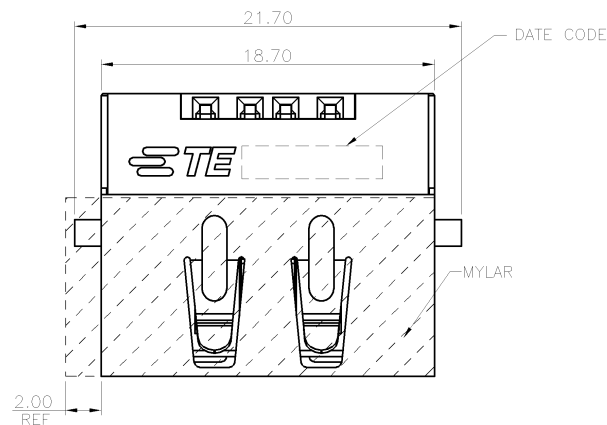
CL + BR : 1500 ppm MAX.

△ NO BOARDLOCK FUNCTION.



PIN DEFINITION

USB		ESATA	
NAME	TYPE	NAME	TYPE
P1	VBUS	P5	GND
P2	D-	P6	A+
P3	D+	P7	A-
P4	GND	P8	GND
		P9	B-
		P10	B+
		P11	GND

△ RECOMMEND P.C.B LAYOUT (TOP VIEW)
THICKNESS: 1.2mm; TOLERANCE: ±0.05

GOLD FLASH	2041470-1
GOLD PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. LAI 14MAR2012	TE Connectivity		
DIMENSIONS: mm		CHK S. CHIEN 14MAR2012			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W. KODAMA 14MAR2012	NAME		
0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.15 4 PLC ± - ANGLES ± 3°		PRODUCT SPEC 108-99116			
MATERIAL SEE NOTE		APPLICATION SPEC	ESATA WITH USB 2 IN 1 CONNECTOR, BOTTOM MOUNT, R/A, RVS, DIP, OFFSET TYPE		
FINISH SEE NOTE		WEIGHT 2.906 g			
CUSTOMER DRAWING		SIZE A3	CAGE CODE 00779	DRAWING NO C-2041470	RESTRICTED TO -
		SCALE -	SHEET 1 of 2	REV A	

