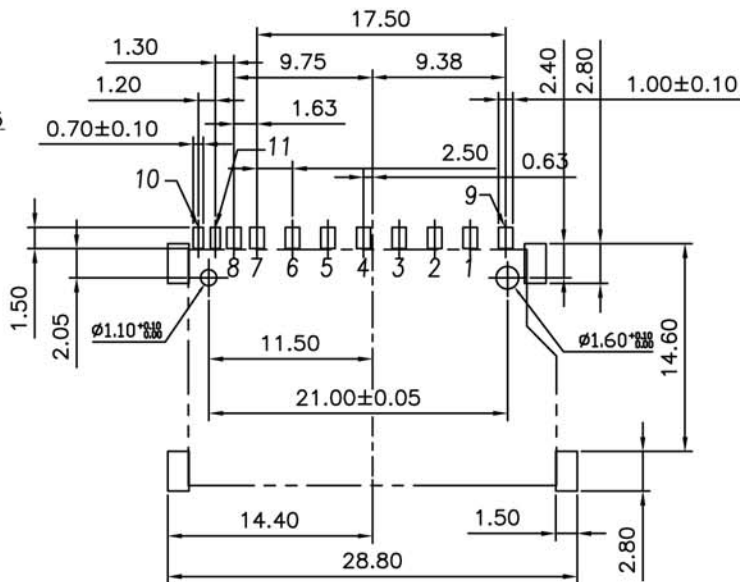
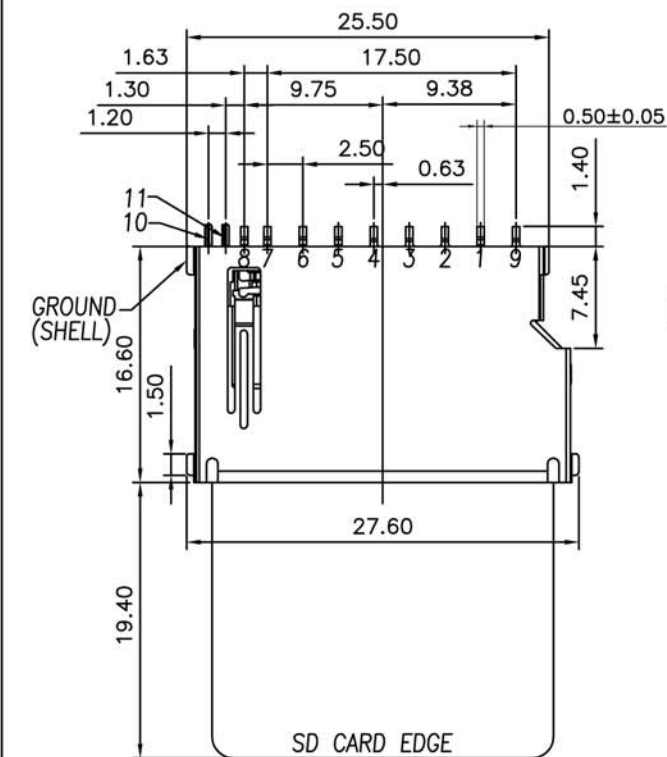
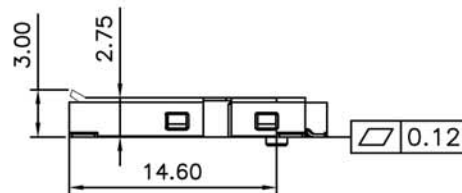
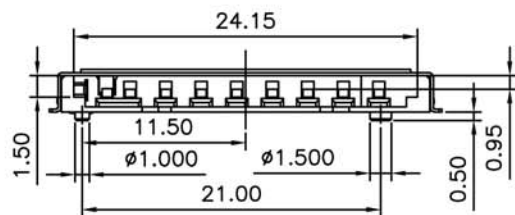




P.C.B Layout



WITHOUT CARD



CARD INSERTED
WRITE PROTECT-LOCK



CARD INSERTED
WRITE PROTECT-UNLOCK

10--WRITE PROTECT PIN
11--CARD DETECT PIN
GROUND(SHELL)--COMMON PIN



MATERIALS

HOUSING: HI-TEMP. PLASTIC(LCP E130) (UL 94V-0)
SHELL: COPPER ALLOY(C2680), NICKEL PLATING
PAD: COPPER ALLOY(C2680), TIN PLATED
TERMINAL: BRASS(C5191), GOLD PLATED ON CONTACT
AREA TIN PLATED ON SOLDER TAIL

SPECIFICATION

CURRENT RATING: 0.5 AMP MAX
DIELECTRIC WITHSTANDING: 500V AC FOR ONE MINUTE
CONTACT RESISTANCE: 60m OHMS MAX
INSULATION RESISTANCE: 1000M OHMS MIN AT DC 500V
OPERATION TEMPERATURE: -25°C~+85°C

SD CARD PIN DESIGN

Pin No.	Name	Description
1#	CD/DAT3	Card detect/Data I/O
2#	CMD	Command
3#	VSS1	Ground
4#	VDD	Power
5#	CLK	Clock
6#	VSS2	Ground
7#	DAT0	Data I/O
8#	DAT1	Data I/O
9#	DAT2	Data I/O

Ordering Information

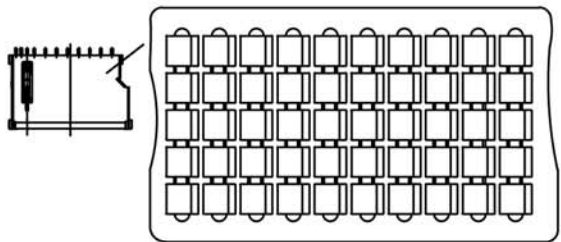
TSD-5x**FB**41T
a

a:Contact Plating

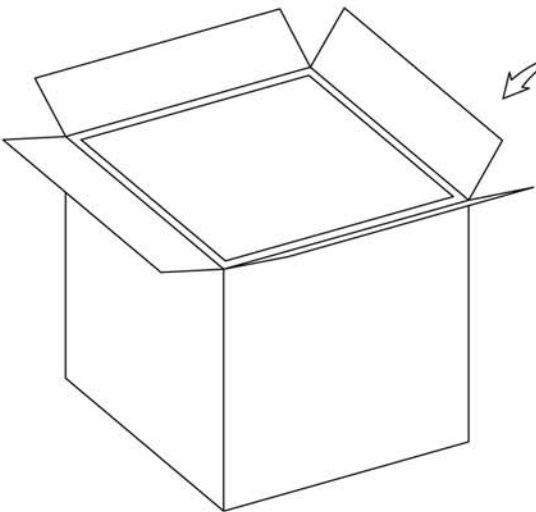
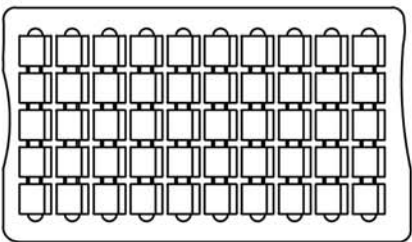
1: G/F

3: 30u" gold

TOLERANCE (mm)	APPROVALS	DATE	TITLE	AMPHENOL Amphenol European Design Center
± 0.30	DRAWN Stephane	2011/7/2	SD Card, SMT Type, w/pegs	Scale N.A. Sheet 1 of 2
	CHECKED Rob	2011/7/2		
	APPROVED Rob	2011/7/2		
UNLESS OTHERWISE SPECIFIED	UNIT : mm	SIZE : A4	DRAWING N° TSD-5x FB 41T	REV. A



50pcs/Tray



40tray/Carton



TOLERANCE (mm)	APPROVALS	DATE	TITLE		AMPHENOL	
± 0.30	DRAWN Stephane	2011/7/2	Package		Amphenol European Design Center	
	CHECKED Rob	2011/7/2				
	APPROVED Rob	2011/7/2			Scale N.A.	Sheet 2 of 2
UNLESS OTHERWISE SPECIFIED		UNIT : mm	SIZE : A4	DRAWING N°	TSD-5xFB41T	
					REV.	A