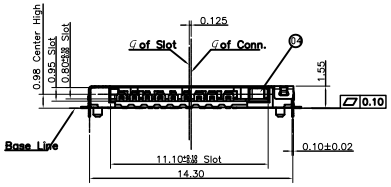
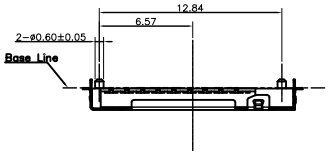
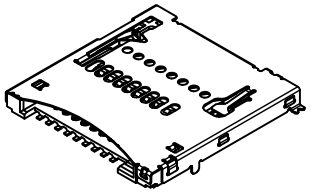
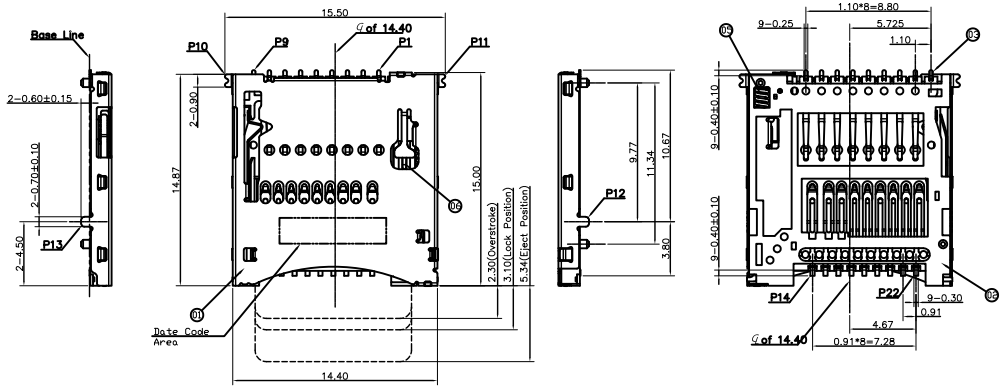
www.dzyjzj.com Tel:0755-27575531 Fax:0755-27576267

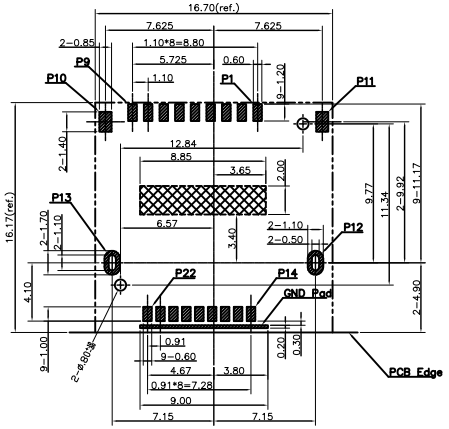






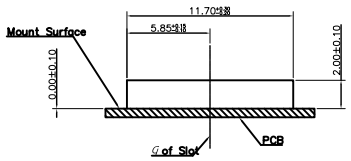
Pin No.	Pin Assignment (microSD Card)	Pin Assignment (microSD Express Card)
P1	DAT2	DAT2/CLKREQ#
P2	CD/DAT3	CD/DAT3/PERST#
P3	CMD	CMD
P4	VDD1	VDD1
P5	CLK	CLK
P6	VSS	VSS
P7	DAT0	DAT0/RCLK+
P8	DAT1	DAT1/RCLK-
P9	Card Detect	
P10	GND	
P11	GND	
P12	GND	
P13	GND	
P14		VDD2
P15		VDD3
P16		VSS
P17		PCIe Tx +
P18		PCIe Tx -
P19		VSS
P20		PCIe Rx -
P21		PCIe Rx +
P22		VSS





Recommended PCB Layout
Top View (Tolerance0.05)

Pad Area
Other Component Keepout Area
Via and Trace Keepout Area



Recommended ID Dimension

	Card Detect Switch
Card Uninsertion	Open
Card Half Insertion	Open
Card Insertion	Close
Open	Close

Note:
1. Material:
   1-1. Plastic: LCP, Black, UL94V-0
   1-2. Contact: Copper Alloy
   1-3. Shell: Stainless Steel
2. Plating:
   2-1. Contact:
   Contact Area: Au 1u" Plating Over Ni 50u" min.
   Soldertail: Gold 1u" Over Ni 50u" min.
   2-2. Shell:
   Solderability Ni 50μ" min. Over All
3. Contact And Tail Coplanarity To Be 0.10mm max.

No.	Name	Specification
01	Shell	Stainless Stell, Solderability Ni 50"
02	Housing	LCP, UL94V-0, Black
03	Terminal	Copper Alloy, Contact Area Au 1u", Solder Area Gold 1u"
04	Slide	PA9T UL94V-0, Black
05	Spring	SWP-B
06	Link	Stainless Stell

深圳市华宇创精密电子有限公司

TOLERANCE: X.X ±0.30, X.XX ±0.25, X.XXX ±0.15, X.° ±2°, X.X' ±0.5'	DRAWED BY : 陈一鸣	DATE : 2014-02-23	PART NAME: TF 7.1 PUSH 1.55H
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. HYCW190-TF18-155B
UNIT: mm [inch]	APPROVED BY: 邱敏	DATE : 2014-02-23	MOLD NO.
SCALE:1:1 SIZE: A4			DRAW NO: HYC-2602021030
			SHEET NO. 1 OF 1