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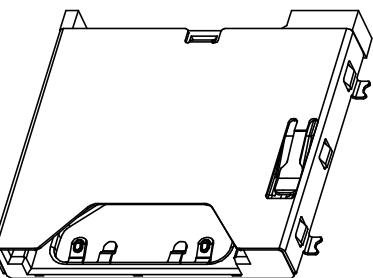
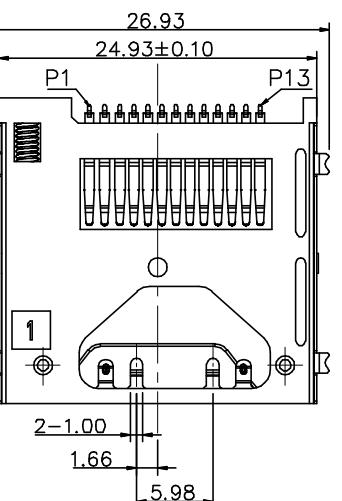
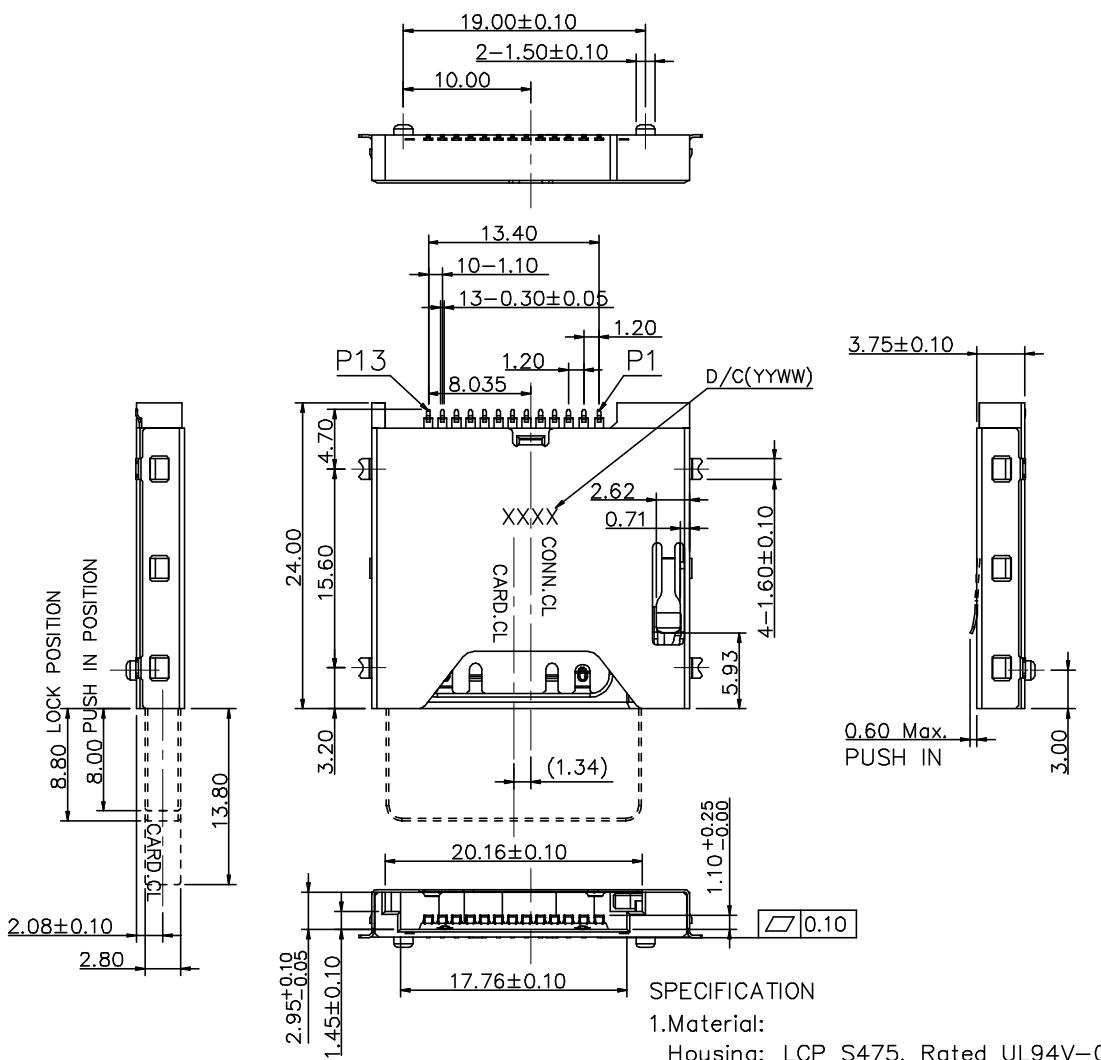
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DATA

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SPECIFICATION

- 1.Material:
Housing: LCP S475, Rated UL94V-0,Color:Black.
Contacts: C7025 TM03
Matte Tin 80u"MIN. at Solder Tail,
Plating 15u" on Contact Area.Over Nickle 50u"MIN.
Shell: SUS304 1/2H.
Goldflash at Solder Tail, Over Nickel 30u"MIN. Plated.
LOCK PIN: SUS304 3/4H. Not Plating.
SPRING: SWP-B. Not Plating.
CAM ROD: SUS304H. Not Plating.

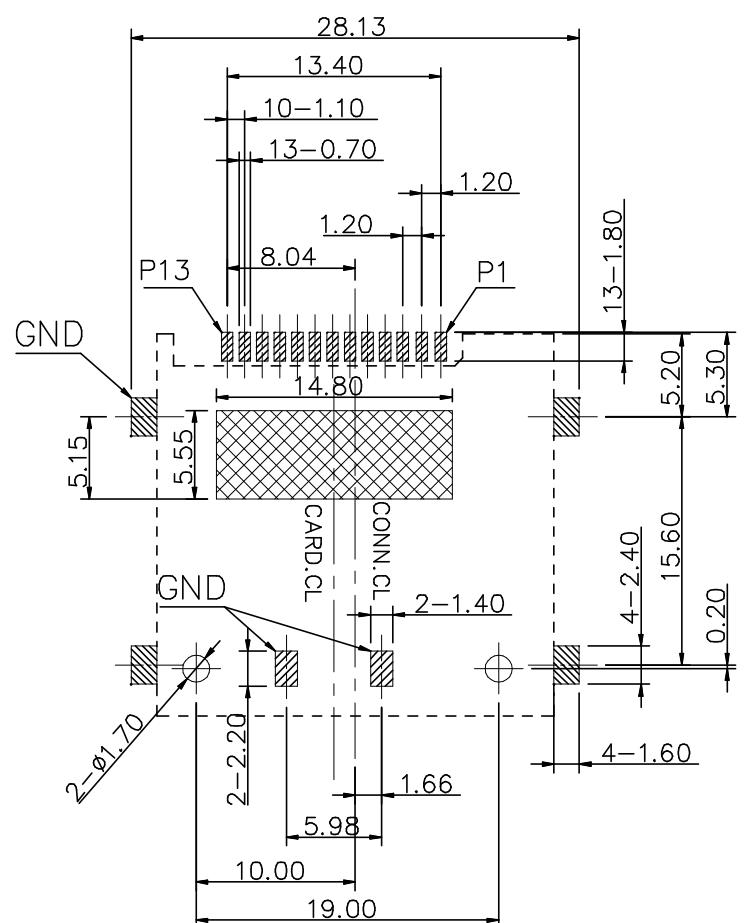
2 Electrical Characteristics:

- Electrical characteristics:
 - Rated voltage : 500Vrms AC for 1 min.
 - Current rating : 1.0 A.Min.per pin.
 - Operating Temperature: -25°C~+85°C.
 - Insulation resistance: 1000M ohms Min. at 500VDC for 1ms.
 - Dielectric withstand voltage: 500 VAC/1minute.
 - Contact resistance: Initial: 55m ohms max. Final: Δ 40m ohms max.
 - Insertion Force: 25N Max.
 - Removal Force: 0.5N Min. 20N Max.
 - Inverse Insertion: 50N Min.
 - Mating cycle: 10000 cycles, Spring is not breaking.

GENERAL		TOLERANCE	DWG.NO.		PART.NO.	YF20A27-B2375	DRAWN	LILY	MATERIAL		SCALE	FULL
X. ± 0.35	x. $\pm 5^\circ$	REV.	A		TITLE	CF Express Type A PUSH CONN.	CHECKED	KEEN.LIN	DATE	2020.11.14	UNITS	MM
X ± 0.30	.x $\pm 2.5^\circ$	SIZE			SHEET	1 / 2	APPROVED	Terry	广东富盈兴业精密科技实业有限公司			
.XX ± 0.25	.xx $\pm 1.5^\circ$	A4			1	2	3	4	5	6	7	8



REV. ECN.NO. MODIFY.CONTENT DATE
A -- NEW DRAWING 2020/11/14



PIN DESIGN		
13	GND	Ground
12	PETp0	PCIe Gen3 Tx singal
11	PETn0	PCIe Gen3 Tx singal
10	GND	Ground
9	PERp0	PCIe Gen3 Rx singal
8	PERn0	PCIe Gen3 Rx singal
7	GND	Ground
6	REFCLK+	Reference Clock input
5	REFCLK-	Reference Clock input
4	INS#	Media detection and power control
3	CLKREQ#	Indication of REFCLK to Host
2	+3.3V	3.3V Power Supply
1	PERST#	PCIe Express function reset

GENERAL	TOLERANCE	DWG.NO.		PART.NO.	YF20A27-B2375	DRAWN	LILY	MATERIAL		SCALE	FULL
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.X ± 0.30	.x $\pm 2.5^\circ$	SIZE									
.XX ± 0.25	.xx $\pm 1.5^\circ$	A4									
				TITLE	CF Express Type A PUSH CONN.	CHECKED	KEEN.LIN	DATE	2020.11.14	UNITS	MM
				SHEET	2/2	APPROVED	Terry	广东富盈兴业精密科技实业有限公司			