


SPECIFICATION

- Material:
 - Housing: LCP S475, Rated UL94V-0, Color: Black.
 - Contacts: C7025 TM03, T=0.20
 - Matte Tin 80u"MIN. at Solder Tail,
 - Plating 15u" on Contact Area. Over Nickel 50u"MIN.
 - Top Shell: SUS304 3/4H, T=0.15
 - Goldflash at Solder Tail, Over Nickel 30u"MIN. Plated.
 - Bottom Shell: SUS304 1/2H, T=0.15
 - Goldflash at Solder Tail, Over Nickel 30u"MIN. Plated.
 - Lock Pin: SUS304 3/4H, T=0.20, Not Plating.
 - Spring: SWP-B, Not Plating.
 - Rod: SUS304H, Not Plating.
- 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 withstanding 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: 12000 cycles, Spring is not breaking.

RECOMMENDED P.C.B LAYOUT

- PAD AREA
- KEEP OUT AREA
- NO COPPER AREA (NO Trace & Via)
- GND PATTERN ONLY

 深圳市华宇创精密电子有限公司			
TOLERANCE: XX ±0.30 XX ±0.25 XXX ±0.15 X* ±2° X.X* ±0.5°	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: CF Express Type B PUSH CONN. 板上4.7H
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. HYCW31-CF21-470B
UNIT: mm [inch] SCALE: 1:1 SIZE: A4	APPROVED BY: 邱敏	DATE : 2014-02-23	DRAW NO.: HYC-2304241641
			SHEET NO. 1 OF 1

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