

# HSP

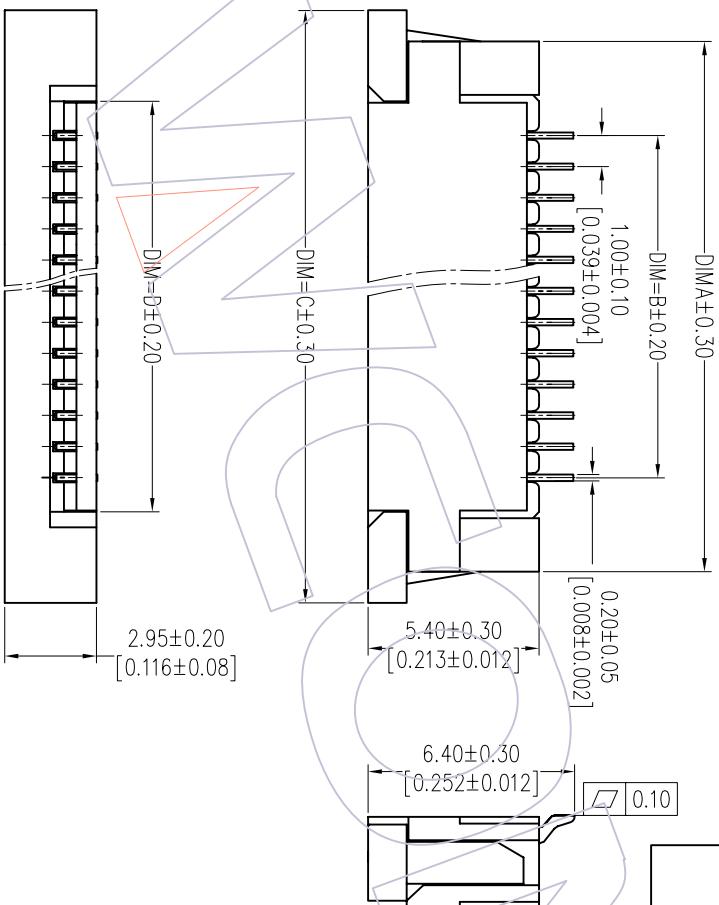
NOTES:  
 Current Rating : 0.5AMP  
 Voltage Rating: 50V AC/DC  
 Withstand Voltage: 500V AC/Minute  
 Insulation Resistance: 800M $\Omega$  min  $\Delta$   
 Contact Resistance: 20m $\Omega$  Max  
 Operation Temperature: -25 $^{\circ}$ C to +85 $^{\circ}$ C

Contact: Phosphor Bronze, Tin-plated  
 Soler Tab: Phosphor Bronze, Tin-plated  
 Housing: LCP+30%G.F UL94V-0  
 Slider: LCP+30%G.F UL94V-0

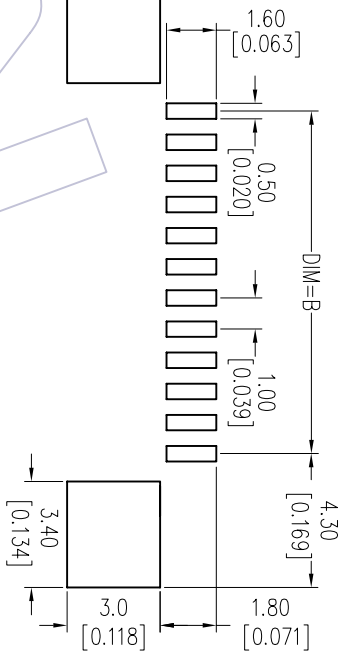
## Ordering Information

5133-XX R Z B W R 01

No. of Pins 04-40P  
 Contact Type B=Bottom contact  
 Color A=Brown B=Black W=White E=Beige  
 Packing T=Tube R=Reel



Recommended P.C.B Layout(Top Side)  
 (PCB BOARD TOLERANCE $\pm$ 0.05)



PIN	DIM=A	DIM=B	DIM=C	DIM=D	PIN	DIM=A	DIM=B	DIM=C	DIM=D
40P	45.1	39.00	47.0	41.10	22P	27.1	21.00	29.0	23.10
39P	44.1	38.00	46.0	40.10	20P	26.1	20.00	28.0	22.10
38P	43.1	37.00	45.0	39.10	19P	24.1	18.00	26.0	20.10
37P	42.1	36.00	44.0	38.10	18P	23.1	17.00	25.0	19.10
36P	41.1	35.00	43.0	37.10	17P	22.1	16.00	24.0	18.10
35P	40.1	34.00	42.0	36.10	16P	21.1	15.00	23.0	17.10
34P	39.1	33.00	41.0	35.10	15P	20.1	14.00	22.0	16.10
33P	38.1	32.00	40.0	34.10	14P	19.1	13.00	21.0	15.10
32P	37.1	31.00	39.0	33.10	13P	18.1	12.00	20.0	14.10
31P	36.1	30.00	38.0	32.10	12P	17.1	11.00	19.0	13.10
30P	35.1	29.00	37.0	31.10	11P	16.1	10.00	18.0	12.10
29P	34.1	28.00	36.0	30.10	10P	15.1	9.00	17.0	11.10
28P	33.1	27.00	35.0	29.10	9P	14.1	8.00	16.0	10.10
27P	32.1	26.00	34.0	28.10	8P	13.1	7.00	15.0	9.10
26P	31.1	25.00	33.0	27.10	7P	12.1	6.00	14.0	8.10
25P	30.1	24.00	32.0	26.10	6P	11.1	5.00	13.0	7.10
24P	29.1	23.00	31.0	25.10	5P	10.1	4.00	12.0	6.10
23P	28.1	22.00	30.0	24.10	4P	9.1	3.00	11.0	5.10

REV	DATE	MODIFICATION DESCRIPTION	CHANGE
A1	12/11/23	MODIFY THE NOTES: 800m $\Omega$ min—800M $\Omega$ min	
A0	12/07/04	NEW	

OPERATION	DRAW	DATE	SCALE	FIT
XX	JYHuang	2012/11/23	UNIT	mm
±0.40	CHECK		A4	1/1
±0.25	APPROVE			
±0.15	DATE			
±3 $^{\circ}$	PROJ.			

PART NO. 5133-XXRZBWXX0X  
 TITLE: 1.0PFC 90 $^{\circ}$  SMT BOTTOM CONTACT  
 H=3.0mm  
 Customer NO.

**WCON**  
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