



**Material & Finish**  
 Housing Material: Nylon UL94V-2  
 Plating:  
 Contacts: Copper alloy / Under plating : Nickel (50 $\mu$ "Min.  
 Over plating : Tin alloy (100 $\mu$ "Min.  
 Mating Force : 6.7 N Max.  
 Unmating Force : 1.0 N min.  
 Normal Force : 3.4 N.  
**Electrical Performance:**  
 CURRENT-max. : 7.0A  
 VOLTAGE-max. : 250V  
 WITHSTANDING VOLTAGE :1500V  
 INSULATION RESISTANCE : 500K Megohms min.  
 TEMPERATURE RANGE : -40° to +105°C

CIRCUITS	DIM A	ΔDIM B	CIRCUITS	DIM A	ΔDIM B
2	5.08	10.16 <sup>+0.05</sup> / <sub>+0.20</sub>	12	55.88	60.96 <sup>+0.50</sup> / <sub>+0.75</sub>
3	10.16	15.24 <sup>+0.05</sup> / <sub>+0.20</sub>	13	60.96	66.04 <sup>+0.50</sup> / <sub>+0.75</sub>
4	15.24	20.32 <sup>+0.10</sup> / <sub>+0.25</sub>	14	66.04	71.12 <sup>+0.50</sup> / <sub>+0.75</sub>
5	20.32	25.40 <sup>+0.10</sup> / <sub>+0.25</sub>	15	71.12	76.20 <sup>+0.50</sup> / <sub>+0.75</sub>
6	25.40	30.48 <sup>+0.10</sup> / <sub>+0.25</sub>	16	76.20	81.28 <sup>+0.50</sup> / <sub>+0.75</sub>
7	30.48	35.56 <sup>+0.10</sup> / <sub>+0.25</sub>	17	81.28	86.36 <sup>+0.50</sup> / <sub>+0.75</sub>
8	35.56	40.64 <sup>+0.20</sup> / <sub>+0.40</sub>	18	86.36	91.44 <sup>+0.50</sup> / <sub>+0.75</sub>
9	40.64	45.72 <sup>+0.20</sup> / <sub>+0.40</sub>	19	91.44	96.52 <sup>+0.50</sup> / <sub>+0.75</sub>
10	45.72	50.80 <sup>+0.20</sup> / <sub>+0.45</sub>	20	96.52	101.60 <sup>+0.50</sup> / <sub>+0.75</sub>
11	50.80	55.88 <sup>+0.20</sup> / <sub>+0.45</sub>			

RoHS Compliant	<b>HSM 玄茂科技股份有限公司</b> <b>HSUAN MAO TECHNOLOGY CO., LTD.</b>	
	APPD. 核准	PART NAME 品名 5.08MM WAFER 1XXXPIN 360° WITH LOCKING RIBS TIN PLATED WHITE INSULATOR ROHS
DWG. 製圖 Betty	SCALE 比例 參考	UNIT 單位 M M
DATE 制表日 2023/02/23	PAGE 張數 1 OF 1	PART NO. 料號 W8508-XXPBYTW0R

RECOMMENDED PCB LAYOUT