

**Automobile
Product**

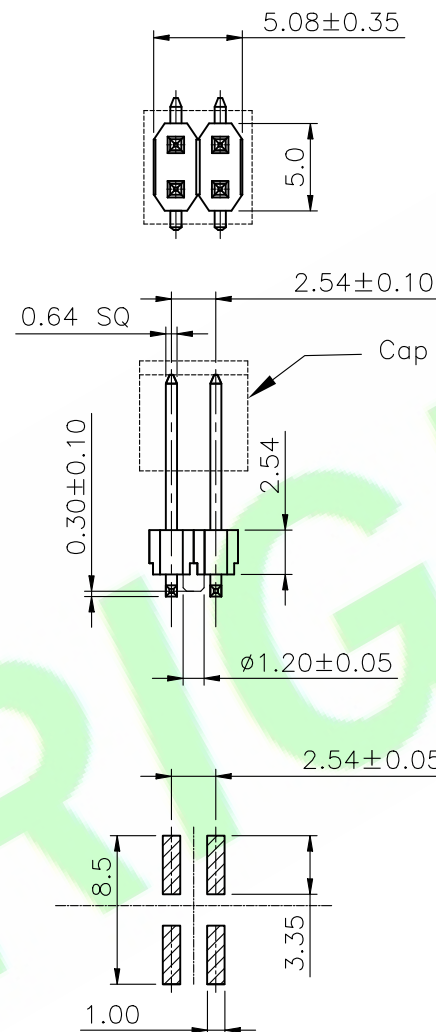
Material And Finish:
Insulator:PA6T UL94V-0 Color:Black
Contact:Brass

Current Rating:3.0 Amp
Voltage Rating:250V AC/DC
Operating Temperature Range:-40°~+105°C

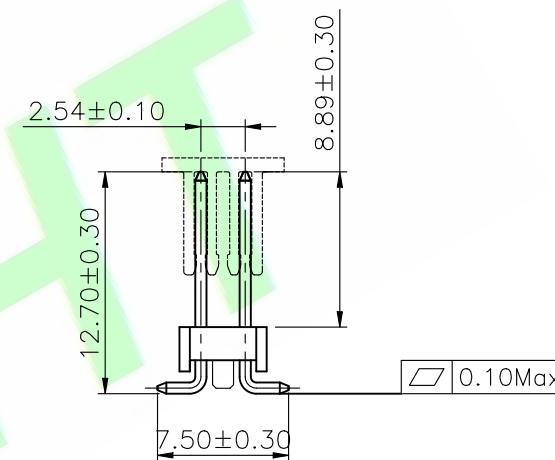
Contact resistance:20m Ohm Max
Insulator resistance:1000M ohm min.
Withstanding Voltage:500V AC/Minute

$$\begin{array}{ccccccccc} 25 & 41 & 2 & M & - & 04 & X & 145 & - & 1X \\ \hline & 1 & & 2 & & 3 & 4 & & & 56 \end{array}$$

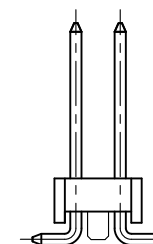
1: — Series No.
2: — M:SMT Type
3: — No. of Positions
4: — H:Gold Flash on Contact; Matte Tin on tail
E:3u" Gold on contact; Matte Tin on tail
S:Matte Tin Plated
5: — 1:W/1 Peg
6: — G:W/0 Cap In Tape&Reel
F:W/Cap In Tape&Reel



Recommended PCB Layout
(Tolerance:0.05mm)



F:W/Cap In Tape&Reel



G:W/0 Cap In Tape&Reel

				DR.BY.: Judyyan		GENERAL TOLERANCE:		PART NO : 25412M-04X145-1X		HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED		
				CHKD.: Aren		LINEAR	ANGLES	DWG. NO.:				
						x.: ±0.30	x°: ±5.0°	TITLE : 2.54mm Pitch Pin Header SMT Type				
						x.x: ±0.20	x.x°: ±3.0°					
2X	Add the Cap option	Judyyan	20261020	APPD.: Billy		x.xx: ±0.15	x.xx°: ±2.0°	DATE: 24-Apr-2026		SHEET: 1/1		A4
1X	ORIGINAL	Judyyan				x.xxx: ±0.10	x.xxx°: ±1.0°	SCALE: 1:1				
REV.	DESCRIPTION	DR.BY	ECN. NO.					UNIT: mm	THIRD ANGLE PROJECTION			

THIRD ANGLE PROJECTION

A4