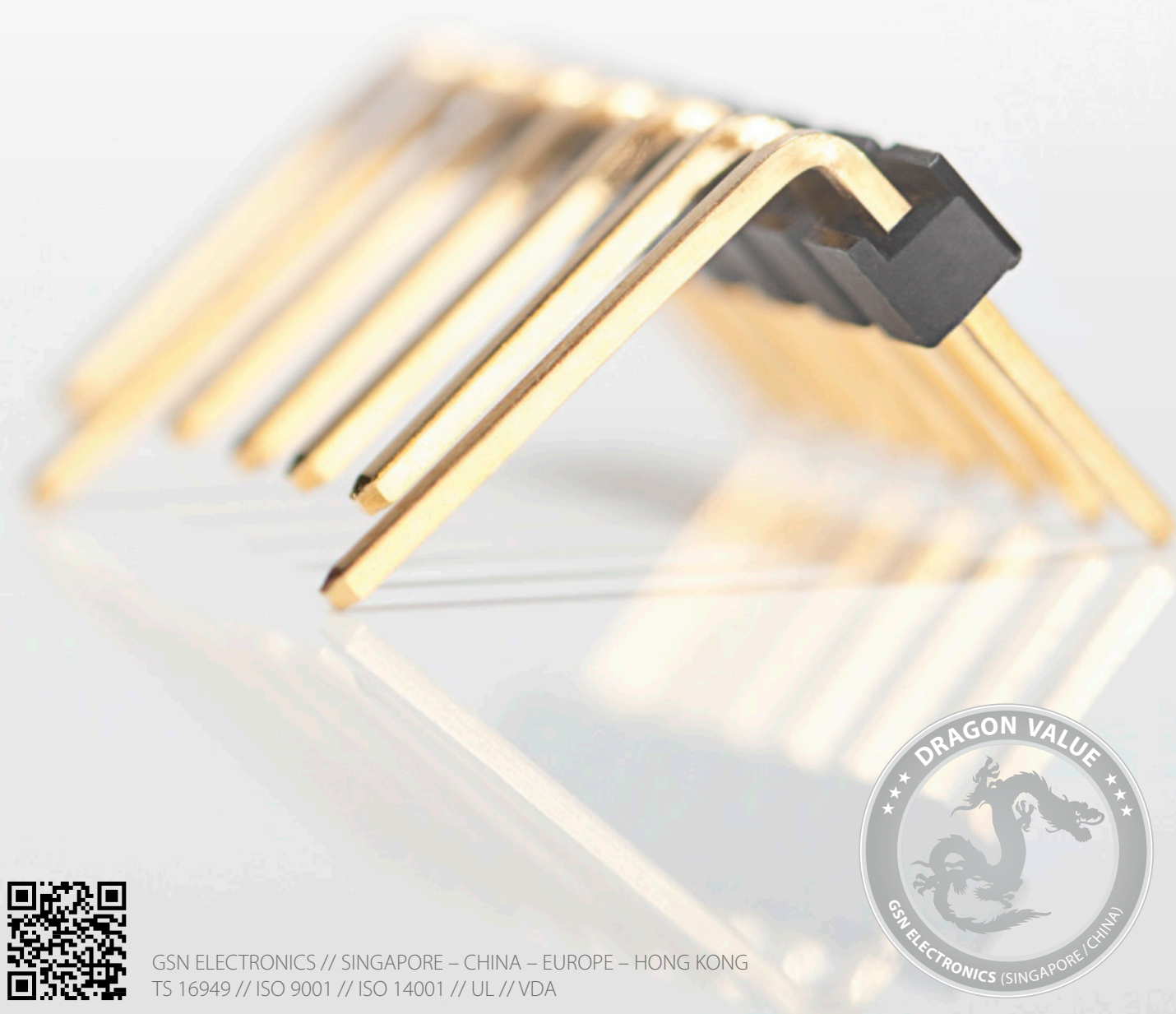


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# STANDARD ELECTRONIC MALE HEADERS **FAIR-TRADE** MANUFACTURE

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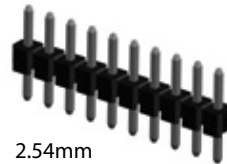
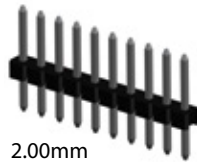
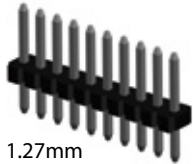
GSN ELECTRONICS // SINGAPORE – CHINA – EUROPE – HONG KONG  
TS 16949 // ISO 9001 // ISO 14001 // UL // VDA



## STANDARD ELECTRONIC MALE HEADERS

# SUPER-SUDDEN PRODUCTION

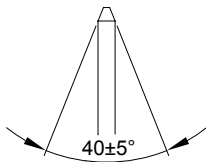
### 3 PITCHES // SINGLE & DOUBLE ROW



### MANY PIN DIMENSIONS AT STOCK

Please see next page.

### PERFECT PIN TOP (For pitch 2.54 mm only)



AUTOMOTIVE  
APPROVED

### 2 DIRECTIONS



### 3 SOLDER VERSIONS



### 2 PLATING QUALITIES



### THE IDEAL SOLUTION FOR MALE HEADERS!

GSN FAIR-TRADE CONNECTORS combine social responsibility with an innovative product solution.

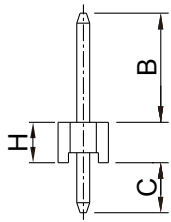
Our new FAIR-TRADE CONNECTOR production sets a new standard in connecting commerce with social responsibility.

All shown product combinations are at stock and can instantly be shipped to you.

GSN FAIR-TRADE CONNECTORS is the ideal solution for urgent sample demands and a top quality mass production.

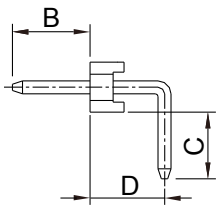
## STANDARD ELECTRONIC MALE HEADERS

# SUPER-SUDDEN PRODUCTION



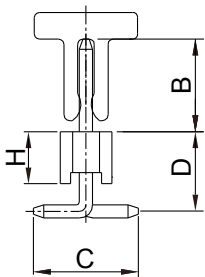
PITCH	TOTAL PIN LENGTH (A)	EXAMPLE DIMENSIONS		HEIGHT INSULATOR (H)	DIMENSION (D)
		MATING AREA (B)	SOLDER AREA (C)		
1.27mm □ 0.40mm	8.00mm	4.00mm	3.00mm	1.00mm	
	11.50mm	6.50mm	4.00mm	1.00mm	
	13.00mm	8.00mm	4.00mm	1.00mm	
2.00mm □ 0.50mm	9.60mm	4.80mm	2.80mm	2.00mm	
	12.30mm	6.30mm	4.00mm	2.00mm	
	14.00mm	8.00mm	4.00mm	2.00mm	
2.54mm □ 0.635mm	10.20mm	4.90mm	2.80mm	2.50mm	
	12.60mm	6.60mm	3.50mm	2.50mm	
	14.00mm	8.20mm	3.30mm	2.50mm	

INSULATOR CAN BE MOVED ACCORDING TO CUSTOMER REQUEST.  
THIS CHANGES THE B- AND C-DIMENSION.



1.27mm □ 0.40mm	8.00mm	3.40mm	2.30mm	1.00mm	1.50mm
	11.50mm	6.20mm	2.30mm	1.00mm	2.20mm
	13.00mm	7.70mm	2.30mm	1.00mm	2.20mm
2.00mm □ 0.50mm	9.60mm	3.20mm	2.80mm	2.00mm	2.90mm
	12.30mm	5.90mm	2.80mm	2.00mm	2.90mm
	14.00mm	7.60mm	2.80mm	2.00mm	2.90mm
	17.00mm	10.60mm	2.80mm	2.00mm	2.90mm
2.54mm □ 0.635mm	12.60mm	4.60mm	3.30mm	2.50mm	3.90mm
	14.00mm	6.00mm	3.30mm	2.50mm	3.90mm
	16.60mm	8.60mm	3.30mm	2.50mm	3.90mm

INSULATOR CAN BE MOVED ACCORDING TO CUSTOMER REQUEST.  
THIS CHANGES THE B- AND D- DIMENSION.



1.27mm □ 0.40mm	8.00mm	2.45mm	6.50mm	1.00mm	2.70mm
	11.50mm	5.95mm	6.50mm	1.00mm	2.70mm
	13.00mm	7.45mm	6.50mm	1.00mm	2.70mm
2.00mm □ 0.50mm	9.60mm	3.60mm	7.00mm	2.00mm	3.10mm
	12.30mm	6.30mm	7.00mm	2.00mm	3.10mm
	14.00mm	8.00mm	7.00mm	2.00mm	3.10mm
	17.00mm	11.00mm	7.00mm	2.00mm	3.10mm
2.54mm □ 0.635mm	12.60mm	5.68mm	7.60mm	2.50mm	3.80mm
	14.00mm	7.08mm	7.60mm	2.50mm	3.80mm
	16.60mm	9.68mm	7.60mm	2.50mm	3.80mm

INSULATOR CAN BE MOVED ACCORDING TO CUSTOMER REQUEST.  
THIS CHANGES THE B- AND D- DIMENSION.

### Ordering Code Example:

14	25	1	T	1
14 = Pin Header	Pitch in mm:	No. of rows:	Contact to PCB:	Direction:
	12 = 1.27mm	1 = 1-row	T = THT / TH-Reflow	1 = 180°
	20 = 2.00mm	2 = 2-row	S = SMT	9 = 90° (THT only)
	25 = 2.54mm			
A / B / C / H				
-10	-8.5/4.5/2.5/1.5	-L	Y	-50
Pole No.	Pin dimensions:	Packaging:	Pick & Place Pad:	Plating:
	A: Total length Pin (mm)	L = loose (bag)	Y = Yes	30 = selective gold 0,75µm
	B: Mating area (mm)	T = tube	N = No	50 = tinned
	C: Soldering area (mm)	R = reel		
	H: Insulator height (mm)			

Please ask for further lengths, we can adjust easily

### Technical Data

High Temperature Insulator Material	PA6T
Flammability	UL 94V-0
Insulation Resistance	1000 MEG OHM MIN
Operating Temperature	-45°C TO +120°C
Contact Material	copper alloy

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## CONTACT US

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