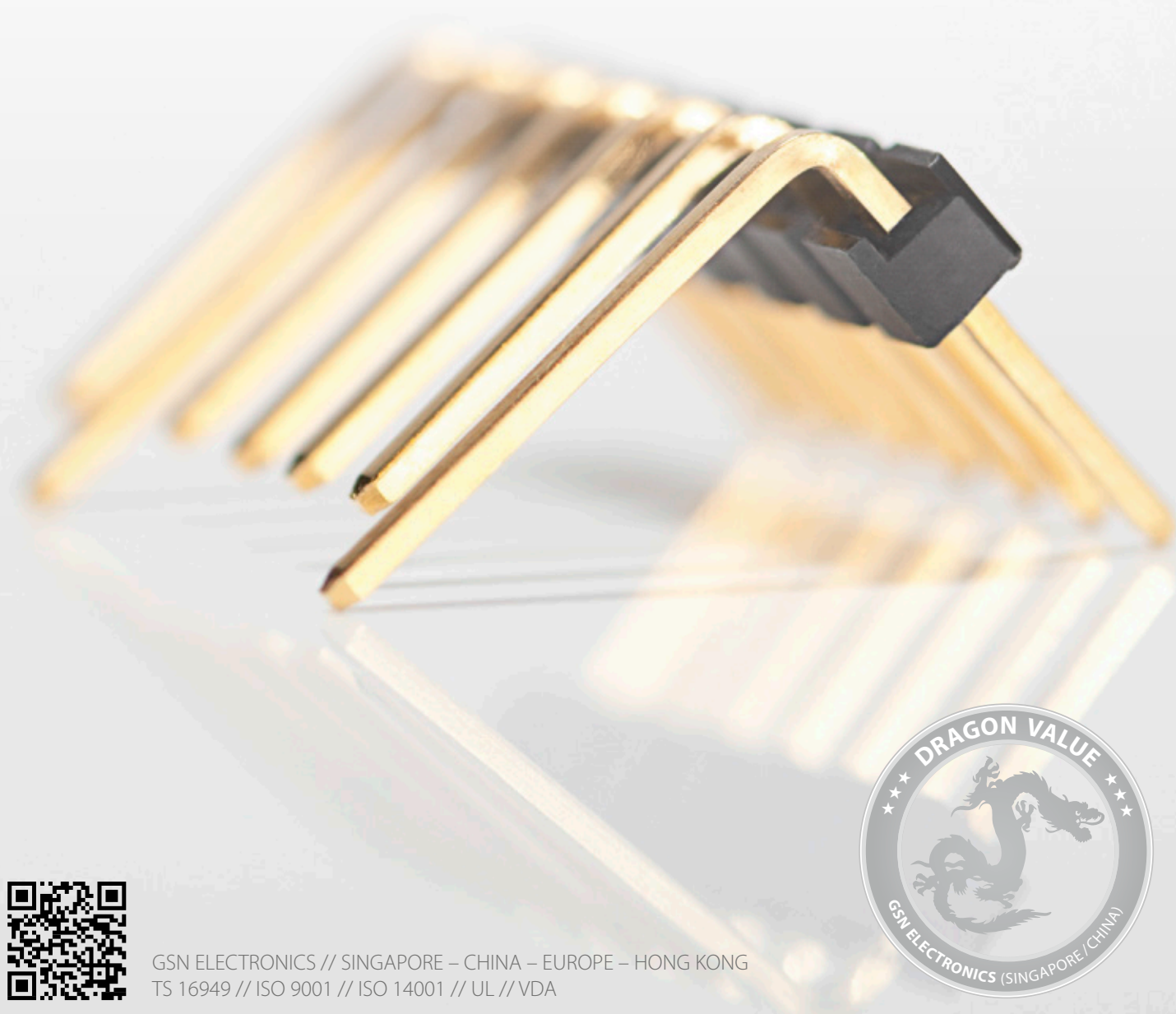


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# STANDARD ELECTRONIC MALE HEADERS FAIR-TRADE MANUFACTURE

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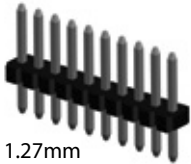
GSN ELECTRONICS // SINGAPORE – CHINA – EUROPE – HONG KONG  
TS 16949 // ISO 9001 // ISO 14001 // UL // VDA



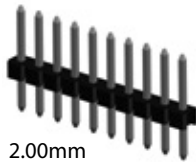
STANDARD ELECTRONIC MALE HEADERS

# SUPER-SUDDEN PRODUCTION

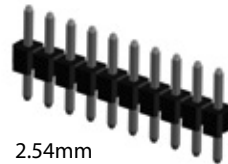
■ **3 PITCHES // SINGLE & DOUBLE ROW**



1.27mm



2.00mm

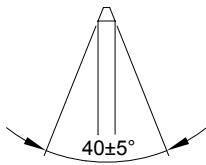


2.54mm

■ **MANY PIN DIMENSIONS AT STOCK**

Please see next page.

■ **PERFECT PIN TOP** (For pitch 2.54 mm only)



AUTOMOTIVE  
APPROVED

- ✓ PURE HIGH QUALITY PLASTICS
- ✓ CONFLICT-FREE METALS
- ✓ OHSAS CERTIFIED LABOR SAFETY
- ✓ FAIR-TRADE MANUFACTURE

■ **2 DIRECTIONS**



Right Angle



Straight

■ **3 SOLDER VERSIONS**



THT // TH-Reflow



SMT

■ **2 PLATING QUALITIES**



Full 50µm Tin



Selective 30µm Gold Contact Area

**THE IDEAL SOLUTION FOR MALE HEADERS!**

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

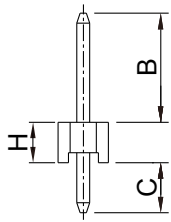
Our new FAIR-TRADE CONNECTOR production sets a new standard in connecting commerce with social responsibility.

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.

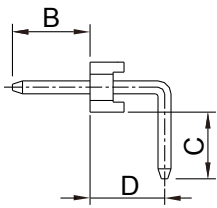
## STANDARD ELECTRONIC MALE HEADERS

# SUPER-SUDDEN PRODUCTION



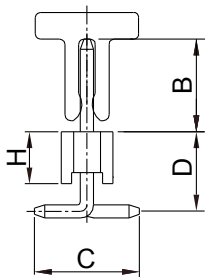
PITCH	TOTAL PIN LENGTH (A)	EXAMPLE DIMENSIONS		HEIGHT INSULATOR (H)	DIMENSION (D)
		MATING AREA (B)	SOLDER AREA (C)		
1.27mm □ 0.40mm	8.00mm	4.00mm	3.00mm	1.00mm	
	11.50mm	6.50mm	4.00mm	1.00mm	
	13.00mm	8.00mm	4.00mm	1.00mm	
2.00mm □ 0.50mm	9.60mm	4.80mm	2.80mm	2.00mm	
	12.30mm	6.30mm	4.00mm	2.00mm	
	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
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
2.54mm □ 0.635mm	17.00mm	11.00mm	7.00mm	2.00mm	3.10mm
	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:				
<b>14</b>	<b>25</b>	<b>1</b>	<b>T</b>	<b>1</b>
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			
<b>-10</b>	<b>-8.5/4.5/2.5/1.5</b>	<b>-L</b>	<b>Y</b>	<b>-50</b>
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