RoHS Compliant

Automobile Product

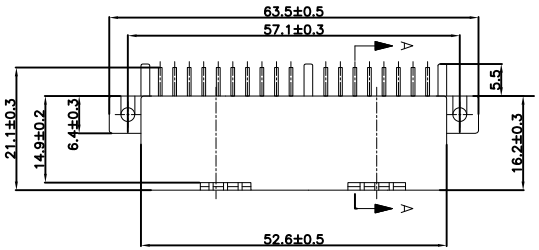
Specifications:
Material And Finish:
Insulator:PA9T Color:Black
Contact:Brass
Plating:Matte Tin Plated
Plated:See Ordering Information

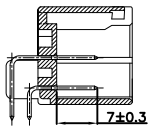
Rating:
Current Rating:5.0Amp（20AWG）
Voltage Rating:12V AC/DC
Operating Temperature Range:−40°~+125°C

Contact resistance:10m Ohm Max
Insulator resistance:100M ohm min.
Withstanding Voltage:1000V/Max
The mating plug housing part number:174046,174047

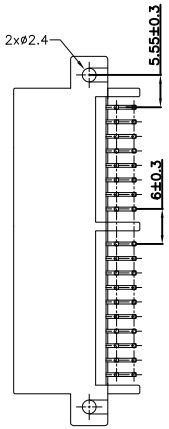
Ordering Information
A25009R−20A16S−02−G
1 2 3 4 5 6 7

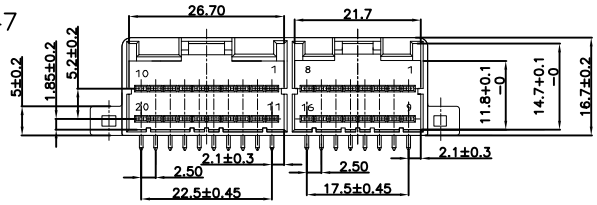
1:—— Series No.
2:—— R:R/A Type
3:—— No. of Positions
4:—— A:Type A
5:—— No. of Positions
6:—— A:Gold Flash
H:Selective Gold Flash
Q:Tin Plated
S:Matte Tin Plated
7:—— B:In Tube
C:In Tray
G:Tape&Reel

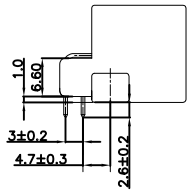


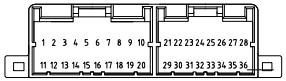


A-A

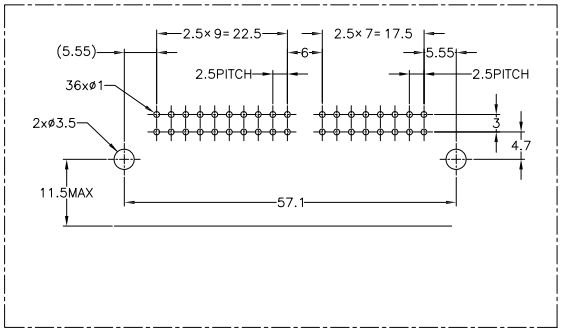








A:Type A



Recommended PCB Layout(Tolerance:0.1mm)

REV.	DESCRIPTION	DR.BY	ECN. NO.
5X			
4X			
3X			
2X			
1X	ORIGINAL	Billy	

DR.BY.: Billy
CHKD.: Judyyan
APPD.: Mark

GENERAL TOLERANCE:			
LINEAR		ANGLES	
X.:	±0.30	X°:	±5.0°
X.X:	±0.20	X.X°:	±3.0°
X.XX:	±0.15	X.XX°:	±2.0°
X.XXX:	±0.10	X.XXX°:	±1.0°

PART NO : A25009R−20A16S−02−G
DWG. NO.:
TITLE : 2.5mm Pitch Pin Header PIP Type SMT Type
DATE: 30−05−2023

HJBRIGHT® 東莞市華晶電子有限公司
BRIGHT−E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1
SCALE: 1:1
UNIT: mm
THIRD ANGLE PROJECTION
A4