


PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PBT
COLOR: BLACK
CONTACT MATERIAL: COPPER ALLOY
CONTACT TYPE: STAMPED
CONTACT PLATING: GOLD
QUALITY CLASS: 3 AS PER CECC 75 301-802
PITCH: 2.54MM

ENVIRONMENTAL
OPERATING TEMPERATURE: -40 UP TO 125°C
FLAMABILITY RATING: UL94-V0
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
CURRENT RATING: 3A MAX
WORKING VOLTAGE: 250V AC
INSULATOR RESISTANCE: >1000 MOHM
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/MN
CONTACT RESISTANCE: 20 mOHM MAX

STANDARD
CERTIFIED: E323964 / MODEL NUMBER 612-216

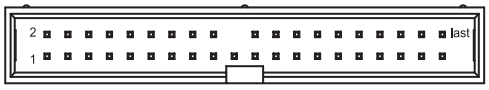
SOLDERING
WAVE PROCESS ONLY

PACKAGING
TRAY

DIMENSION
A = 2.54 x (NB. PIN / 2 - 1)
B = 2.54 x (NB. PIN / 2) + 7.66

NOTES:
No. Of Positions 50-64 With 3 Keys
All Oher Pin With 1 Key

61203921621: pin 20 removed




RoHS Compliant

| REV | DATE | FILE | BY |
|---|---|---|---|
| G | 30-JUL-10 | 39PIN DRAWING | JC |
| F | 13-JUL-10 | PACKAGING | JC |
| E | 16-NOV-09 | STANDARD | JP |
| D | 27-NOV-07 | MODIFICATIONS | EC |
| C | 19-DEC-06 | DRAW | EC |
| B | 21-JUN-04 | LEAD FREE | JP |
| A | 09-MAR-99 | PDF | JP |

PROJECTION:

APPROVAL: RJ

GENERAL TOLERANCE
.X = +/_ 0.2
.XX = +/_ 0.15

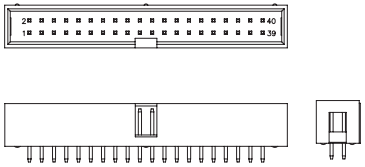
UNIT: MM
SCALE:
SHEET: 1/2
DRAW: PEARL

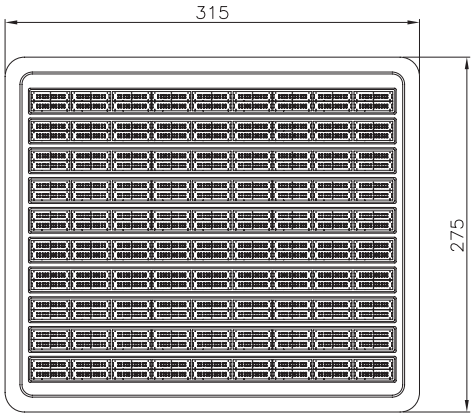
WÜRTH ELEKTRONIK

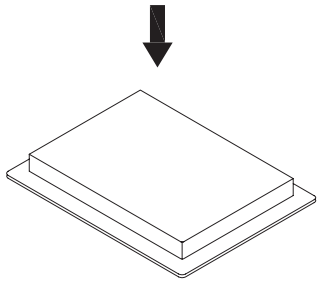
**DESCRIPTION: 2.54MM MALE BOX HEADER**

**WERI PART NO: 612 0xx 216 21**

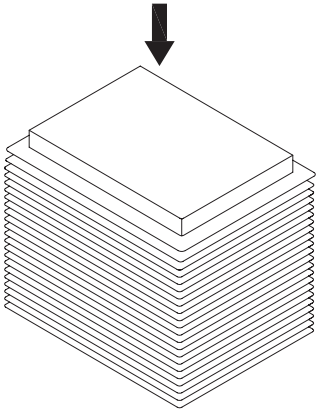
SIZE
**A4**



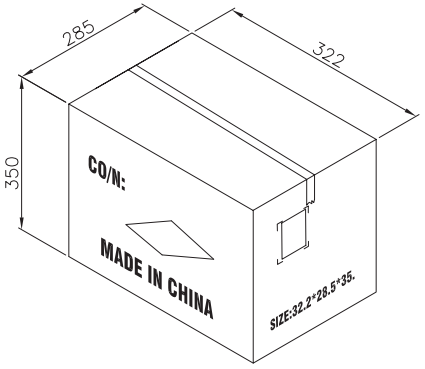


TRAY



25TRAYS




CARTON

Note:
1.Dimension:
Tray Size:315(L)x275(W)x15.4(H) (mm)
Carton Size:322(L)x285(W)x350(H) (mm)
2.Quantity:

| Circuits | Pcs/Tray | Trays/Carton | Q'TY |
|---|---|---|---|
| 06 | 360 | 25 | 9000 |
| 08 | 300 | 25 | 7500 |
| 10 | 260 | 25 | 6500 |
| 12 | 240 | 25 | 6000 |
| 14 | 200 | 25 | 5000 |
| 16 | 180 | 25 | 4500 |
| 20 | 160 | 25 | 4000 |
| 24 | 140 | 25 | 3500 |
| 26 | 120 | 25 | 3000 |
| 30 | 120 | 25 | 3000 |
| 34 | 100 | 25 | 2500 |
| 40 | 80 | 25 | 2000 |
| 50 | 60 | 25 | 1500 |
| 60 | 60 | 25 | 1500 |
| 64 | 60 | 25 | 1500 |

RoHS Compliant

| REV | DATE | FILE | BY |
|---|---|---|---|
| G | | | |
| F | | | |
| E | | | |
| D | | | |
| C | | | |
| B | | | |
| A | | | |

PROJECTION:

GENERAL TOLERANCE
.X = +/_ 0.2
.XX = +/_ 0.15

APPROVAL: RJ

UNIT: MM
SCALE:
SHEET: 2/2
DRAW: PEARL

WÜRTH ELEKTRONIK

**DESCRIPTION: 2.54MM MALE BOX HEADER**

**WERI PART NO: 612 0xx 216 21**

SIZE
**A4**