

/ Descriptions

TO-220

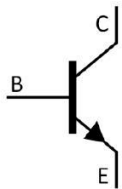
NPN

Silicon NPN transistor in a TO-220 Plastic Package.

/ Features

Large Current Capability.

Versatile, can be used in the humidifier.



PIN1 Base

PIN 2 Collector

PIN 3 Emitter

/ h_{FE} Classifications & Marking

/ Electrical Characteristic Curve

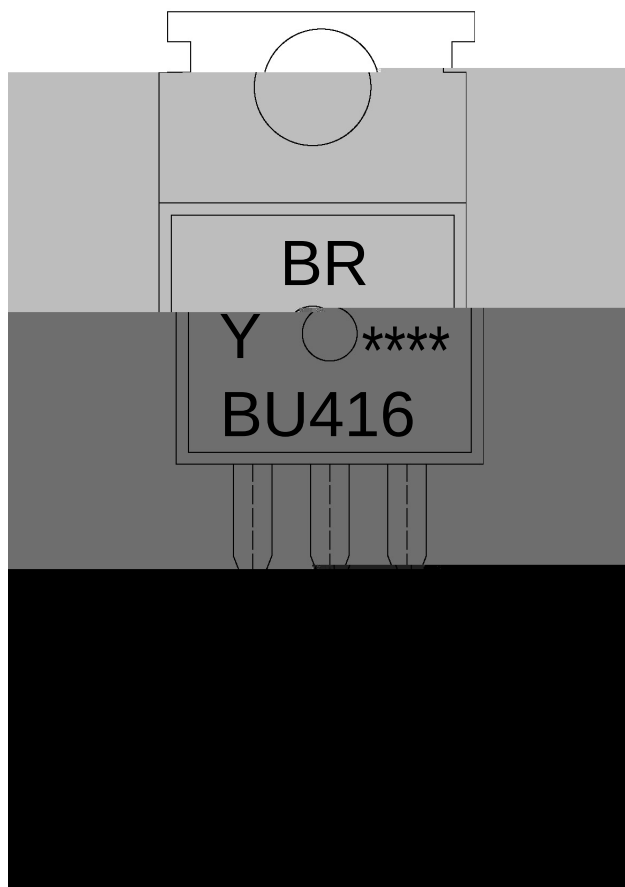


Technical drawing of a mechanical part, likely a shaft or axle, showing various dimensions and features. The drawing includes a top view (A) and a side view (B). Dimensions are given in millimeters (mm). Key features include a central hole with diameter 10, a shoulder with diameter 12, and a flange with diameter 20. The drawing is labeled with 'A' and 'B' and includes a scale bar.

Dimensions in millimeters (mm):

- Overall length: 100
- Distance from left end to center hole: 40
- Distance from center hole to right end: 60
- Distance from left end to shoulder: 20
- Distance from shoulder to center hole: 20
- Distance from center hole to flange: 20
- Distance from flange to right end: 20
- Distance from left end to first hole: 10
- Distance from first hole to second hole: 10
- Distance from second hole to third hole: 10
- Distance from third hole to fourth hole: 10
- Distance from fourth hole to fifth hole: 10
- Distance from fifth hole to sixth hole: 10
- Distance from sixth hole to seventh hole: 10
- Distance from seventh hole to eighth hole: 10
- Distance from eighth hole to ninth hole: 10
- Distance from ninth hole to tenth hole: 10
- Distance from tenth hole to eleventh hole: 10
- Distance from eleventh hole to twelfth hole: 10
- Distance from twelfth hole to thirteenth hole: 10
- Distance from thirteenth hole to fourteenth hole: 10
- Distance from fourteenth hole to fifteenth hole: 10
- Distance from fifteenth hole to sixteenth hole: 10
- Distance from sixteenth hole to seventeenth hole: 10
- Distance from seventeenth hole to eighteenth hole: 10
- Distance from eighteenth hole to nineteenth hole: 10
- Distance from nineteenth hole to twentieth hole: 10
- Distance from twentieth hole to twenty-first hole: 10
- Distance from twenty-first hole to twenty-second hole: 10
- Distance from twenty-second hole to twenty-third hole: 10
- Distance from twenty-third hole to twenty-fourth hole: 10
- Distance from twenty-fourth hole to twenty-fifth hole: 10
- Distance from twenty-fifth hole to twenty-sixth hole: 10
- Distance from twenty-sixth hole to twenty-seventh hole: 10
- Distance from twenty-seventh hole to twenty-eighth hole: 10
- Distance from twenty-eighth hole to twenty-ninth hole: 10
- Distance from twenty-ninth hole to thirtieth hole: 10
- Distance from thirtieth hole to thirty-first hole: 10
- Distance from thirty-first hole to thirty-second hole: 10
- Distance from thirty-second hole to thirty-third hole: 10
- Distance from thirty-third hole to thirty-fourth hole: 10
- Distance from thirty-fourth hole to thirty-fifth hole: 10
- Distance from thirty-fifth hole to thirty-sixth hole: 10
- Distance from thirty-sixth hole to thirty-seventh hole: 10
- Distance from thirty-seventh hole to thirty-eighth hole: 10
- Distance from thirty-eighth hole to thirty-ninth hole: 10
- Distance from thirty-ninth hole to fortieth hole: 10
- Distance from fortieth hole to forty-first hole: 10
- Distance from forty-first hole to forty-second hole: 10
- Distance from forty-second hole to forty-third hole: 10
- Distance from forty-third hole to forty-fourth hole: 10
- Distance from forty-fourth hole to forty-fifth hole: 10
- Distance from forty-fifth hole to forty-sixth hole: 10
- Distance from forty-sixth hole to forty-seventh hole: 10
- Distance from forty-seventh hole to forty-eighth hole: 10
- Distance from forty-eighth hole to forty-ninth hole: 10
- Distance from forty-ninth hole to fiftieth hole: 10
- Distance from fiftieth hole to fifty-first hole: 10
- Distance from fifty-first hole to fifty-second hole: 10
- Distance from fifty-second hole to fifty-third hole: 10
- Distance from fifty-third hole to fifty-fourth hole: 10
- Distance from fifty-fourth hole to fifty-fifth hole: 10
- Distance from fifty-fifth hole to fifty-sixth hole: 10
- Distance from fifty-sixth hole to fifty-seventh hole: 10
- Distance from fifty-seventh hole to fifty-eighth hole: 10
- Distance from fifty-eighth hole to fifty-ninth hole: 10
- Distance from fifty-ninth hole to sixtieth hole: 10
- Distance from sixtieth hole to sixty-first hole: 10
- Distance from sixty-first hole to sixty-second hole: 10
- Distance from sixty-second hole to sixty-third hole: 10
- Distance from sixty-third hole to sixty-fourth hole: 10
- Distance from sixty-fourth hole to sixty-fifth hole: 10
- Distance from sixty-fifth hole to sixty-sixth hole: 10
- Distance from sixty-sixth hole to sixty-seventh hole: 10
- Distance from sixty-seventh hole to sixty-eighth hole: 10
- Distance from sixty-eighth hole to sixty-ninth hole: 10
- Distance from sixty-ninth hole to seventieth hole: 10
- Distance from seventieth hole to seventy-first hole: 10
- Distance from seventy-first hole to seventy-second hole: 10
- Distance from seventy-second hole to seventy-third hole: 10
- Distance from seventy-third hole to seventy-fourth hole: 10
- Distance from seventy-fourth hole to seventy-fifth hole: 10
- Distance from seventy-fifth hole to seventy-sixth hole: 10
- Distance from seventy-sixth hole to seventy-seventh hole: 10
- Distance from seventy-seventh hole to seventy-eighth hole: 10
- Distance from seventy-eighth hole to seventy-ninth hole: 10
- Distance from seventy-ninth hole to eightieth hole: 10
- Distance from eightieth hole to eighty-first hole: 10
- Distance from eighty-first hole to eighty-second hole: 10
- Distance from eighty-second hole to eighty-third hole: 10
- Distance from eighty-third hole to eighty-fourth hole: 10
- Distance from eighty-fourth hole to eighty-fifth hole: 10
- Distance from eighty-fifth hole to eighty-sixth hole: 10
- Distance from eighty-sixth hole to eighty-seventh hole: 10
- Distance from eighty-seventh hole to eighty-eighth hole: 10
- Distance from eighty-eighth hole to eighty-ninth hole: 10
- Distance from eighty-ninth hole to ninetieth hole: 10
- Distance from ninetieth hole to ninety-first hole: 10
- Distance from ninety-first hole to ninety-second hole: 10
- Distance from ninety-second hole to ninety-third hole: 10
- Distance from ninety-third hole to ninety-fourth hole: 10
- Distance from ninety-fourth hole to ninety-fifth hole: 10
- Distance from ninety-fifth hole to ninety-sixth hole: 10
- Distance from ninety-sixth hole to ninety-seventh hole: 10
- Distance from ninety-seventh hole to ninety-eighth hole: 10
- Distance from ninety-eighth hole to ninety-ninth hole: 10
- Distance from ninety-ninth hole to one hundred hole: 10

/ Marking Instructions



BR

BU416

Y: h_{FE}

Note:

BR: Company Code

BU416: Product Type.

Y: h_{FE} Classifications Symbol

****: Lot No. Code, code change with Lot No.

