

1 | 2 | 3 4 | 5 | 6

A

Technical drawing showing a top-down view of a component. The overall width is 67.11. A central horizontal slot has a width of 61.11 with a tolerance of ±0.12. Below this slot, a lower horizontal section has a width of 53.11 with a tolerance of ±0.13. The drawing also includes a grid of 24 circular features, two hexagonal holes on the left and right, and two hexagonal holes at the bottom center.

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D

The diagram illustrates a cross-section of a high-current power diode. It features a thick, rectangular p-type substrate at the bottom. A thin n-type epitaxial layer is grown on top of the substrate. A p-type layer, likely a drift layer, is then implanted into the n-type layer. A heavily doped n-type region, known as the drift region, is formed within the p-type drift layer. A metal contact layer is deposited on the top of the n-type drift region. A thick, rectangular top contact is shown, with a dimension line indicating its height. The contact is connected to the metal layer on the n-type drift region. The entire structure is shown in perspective, highlighting the vertical layers and the top contact.

$$3.20 \pm 0.2$$

PC CARD DRILLING DIMENSIONS

Thickness 1.6 mm

Technical drawing of a mechanical part with the following dimensions and features:

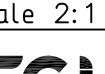
- Left side: A vertical line with a circular feature. Dimension $\phi 3.10$ is shown above it, with a tolerance of ± 0.1 . Below this is a horizontal line with a circular feature, labeled with dimension $\phi 0.13$ and symbol \textcircled{M} .
- Top center: A horizontal line with a circular feature, labeled with dimension $\phi 0.13$ and symbol \textcircled{M} . Above this is a dimension of 1.38 .
- Top right: A dimension of $\phi 0.90$ followed by the word "MINI".
- Right side: A vertical line with a circular feature. Dimension 2.84 is shown above it. Below this is a horizontal line with a circular feature, labeled with dimension 2.84 .
- Bottom center: A dimension of 44.16 .
- Bottom right: A dimension of 61.11 .
- Bottom left: A dimension of 2.76 .

LEAD FREE PART NUMBER

Plating: 4 --> 200 Mating

Part number D50S24A*GLOOLF

GENERAL CHARACTERISTICS AND ROHS INFORMATIONS
SEE DRAWING C01-8646-0000

mat'l. code —				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family D-SUB			
ltr	ecn no	dr	date	tolerances unless otherwise specified				title FEMALE DD 50- EUROPE STRAIGHT SOLDER, HARPOON & NUT		
G	ELX-I-21654	AB	2015-10-26	angles	linear	.0±0.1	MM 			
						.00±0.1				
				0°±2°		.000±0.1	scale 2:1			
				dr	BOUTTIER	1997-11-05		dwg no		sheet 1 of 1
				engr	ALIAS BABU	2015-10-26		size		
				chr	MITHUN PAUL	2015-10-26		C01-8646-0597		
				appd	BIJU K PAUL	2015-10-26		type	Product	Customer Drawing
sheet index	revision	G								
	sheet	1								