

Product Datasheet

PBM2005



Main

Family	Accessories for busbars
Version	Bimetallic (Cu-Al) washers
Code	PBM2005
Reference	RBM M8
Number per package	100
D1 (mm)	18
D2 (mm)	8.5
s (mm)	1.0

Technical Features

Bimetallic elements consist of copper plated aluminium plates

Cu-ETP Cu 99.976

Al 99.5 EN AW 1050

Copper: 30% of the total weight

Strength: 148 - 150 MPa

Elongation A80: 29 - 32 %

Layer thickness: 292 - 294 μm

Hardness - Cu: 55 - 57 HBW 1/5; 65 - 67 HV 0.2

Hardness - Al: 32 - 34 HBW 1/5; 38 - 39 HV 0.1

Advantages

Secure contact

Corrosion protected connection between copper and aluminium

Please contact Teknomega for non-specified tolerances.