



A-A ( 1 : 1 )milling- and bore depth

C ( 2 : 1 )

vacuum slots and  
SMD-cutout pattern

front view:  
isle geometry and  
bore pattern

B ( 2 : 1 )  
bore pattern  
vacuum

position tolerance of  
bores +/- 0,05

milled  
afterwards grinding  
Rz4

Remark C(2:1):  
Vacuum slots milled to  
appropriate length and width  
with 60° graver or endmill with  
appropriate diameter

Remark C(2:1):  
Positions, outside geometry and depth  
of vacuum pattern and milling cutouts  
for SMD-parts on top of reference surface A  
extracting from CAD model

tolerance of position in X- and Y-axis from  
geometric center of vacuum slot and milling  
SMD-cutout to workpiece center according to  
+/- 0,05

and outside geometry of vacuum slots in  
length and width as well as cutouts for  
SMD-parts according to +/- 0,05

back view:  
bore pattern gland and negative geometry

all undimensioned edges, except  
Ø0,6; Ø0,8 bores from vacuum  
pattern and SMD-cutout pattern  
as well as vacuum slots, deburred  
according to -> -0,2

workpiece edges  
DIN ISO 13715

general tolerances  
DIN ISO 2768-f/H  
surfaces  
DIN ISO 1302

amount: 1  
material: G.AL C210 DYNAMIC (EN  
AW 5083-03)

scale: 1 : 1

pre-product: -

Inlay

part number: ITPT.02.00.002 rev.1.4

field of application: ITkPix Tool

project: Atlas

sheet  
1/1  
A3