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PCB specification

A

B

C

D

E

F

G

H

PCB base material according to R04350 specifications
Glass Transition (Tg) > 280C

*

Nominal thickness 1.5mm (include copper foil on both sides).
Double-sided, final thickness without solder mask < 1.64mm.
Base copper clad 18um,final copper clad > 60um on on both sides.
Surface HAL leadfree (SnCu- base alloy without Ag).

base material

top copper

bottom copper

hole

toleranced Din.				tolerance	change date	num- ber	modification				01.08.2016	S.Kulik	S.Kulik		
thread according to DIN							scale:		Date		editor	certifi- cated	Appr.	Index	
surface:							material type:		substitution for dimensions w/o tolerance:						
german projection		material:					Manchester-Comparator								
semi finished product							project version		1						
material consumption:							TDE		PN10049						
weight:									6						
number of pieces per package:							Format: DIN A 3		Classing:						

Supporting regulations which apply

mailing:

V:

ZV:

For this drawing we reserve ourselves all rights
+ Pay attention to protection note according to DIN ISO 16016
+ Changes from the supplier need the previous
approval by TDE

Handwritten
remarks
are not allowed

it is part of

1 2 3 4 5 6 7 8 9

A

B

C

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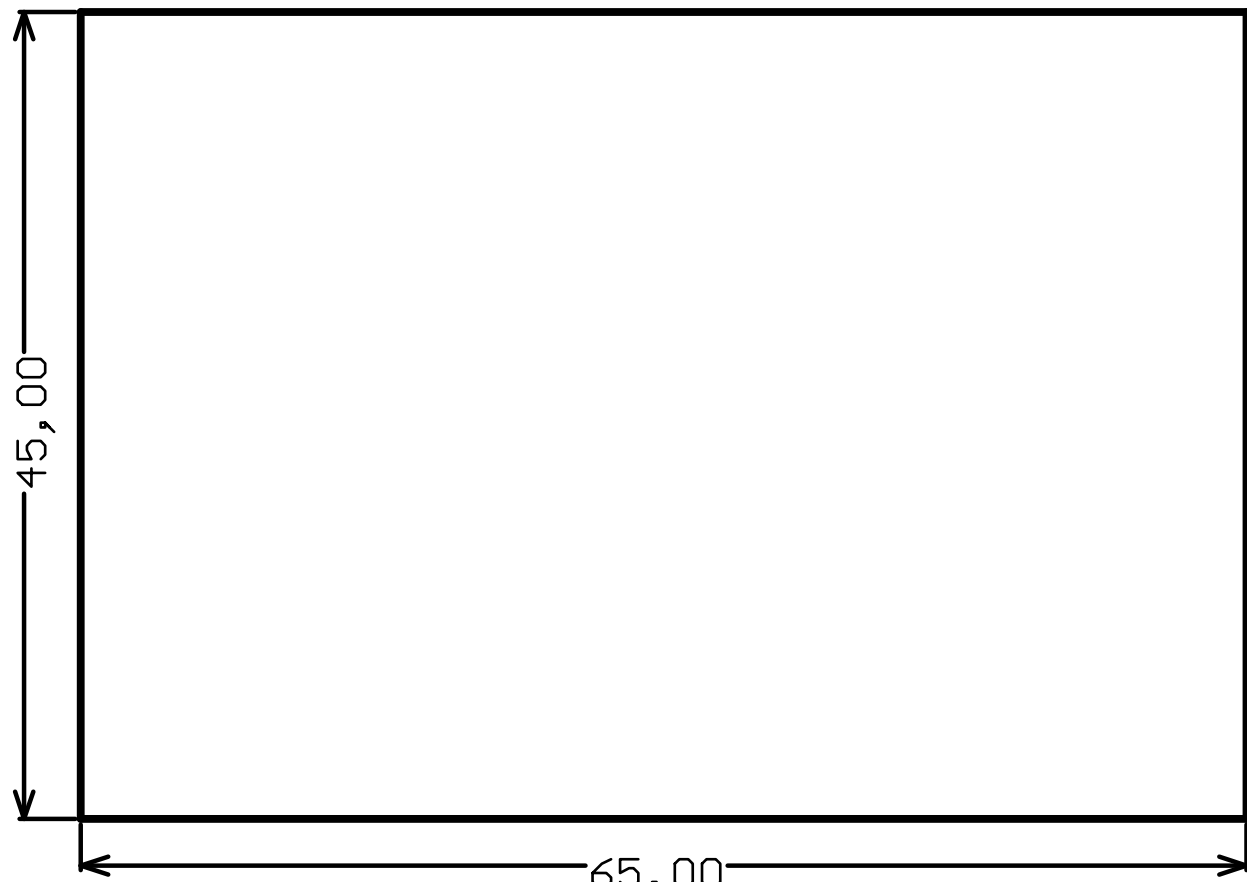
E

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G

H

PCB outline



Zeropoint



Gerber: DVT-Volga.GM32

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toleranced DIN				tolerance	change date	num- ber	modification			01.08.2016	S.Kulik	S.Kulik		
thread according to DIN							scale:			Date	editor	certifi- cated	Appr.	Index
surface:							material type:			substitution for dimensions w/o tolerance:				
german projection		material:					Manchester-Comparator							
semi finished product							project version			2				
material consumption:							TDE			PN10049				
weight:										6				
number of pieces per package:							Format: DIN A 3			Classing:				

Supporting regulations which apply

mailing: V: ZV:

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Top Layer

Bottom layer

A

B

C

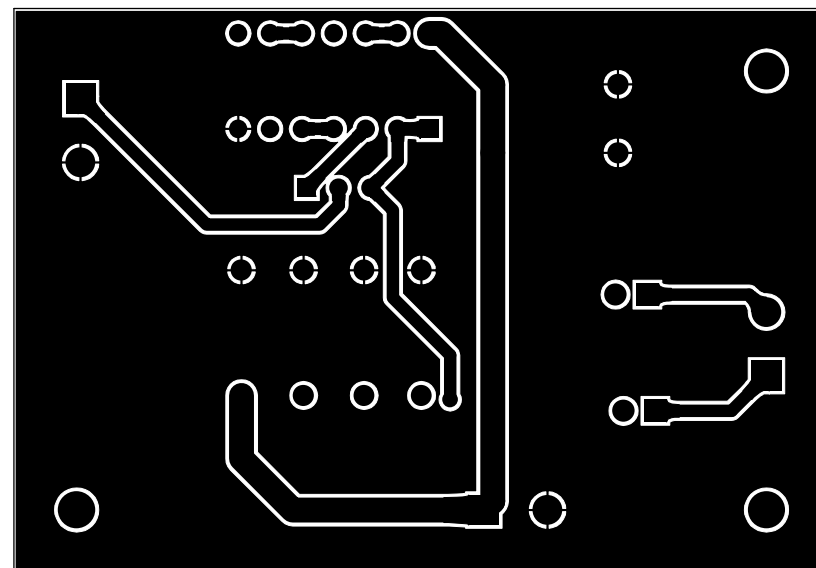
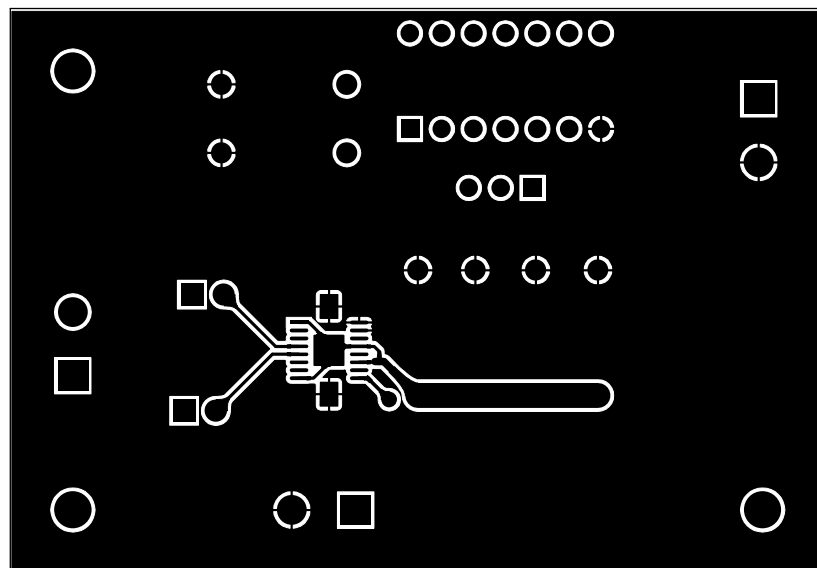
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Gerber top: DVT-Volga.GTL
Gerber bottom: DVT-Volga.GBL

tolerances				tolerance	change	date	num-	modification				01.08.2016	S.Kulik	S.Kulik					
thread according to DIN				surface:				scale:				Date	editor	certifi-	Appr.	Index			
german projection				material:				material type:				substitution for dimensions w/o tolerance:							
semi finished product				material consumption:				weight:				number of pieces per package:				Format: DIN A 3		Classing:	
Manchester-Comparator				project version				TDE				PN10049				3		6	

Supporting regulations which apply

mailing:

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ZV:

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Top solder mask

Bottom solder mask

A

B

C

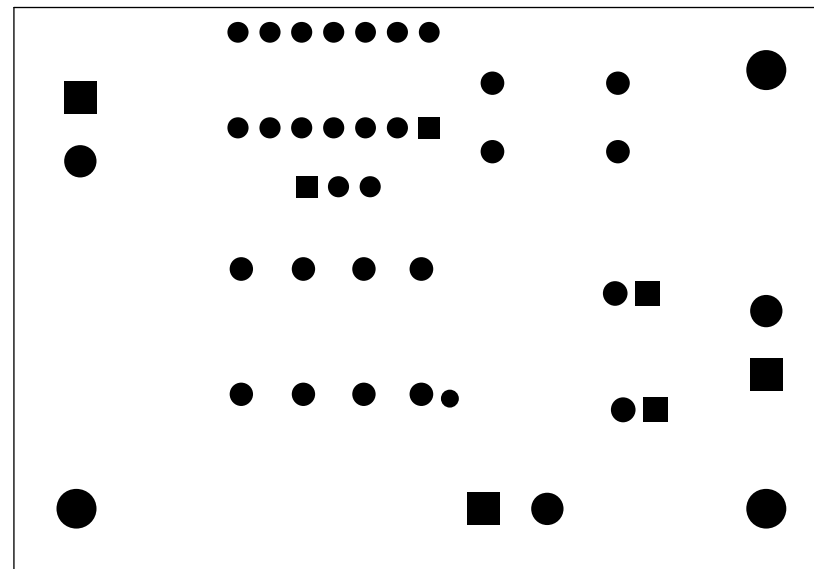
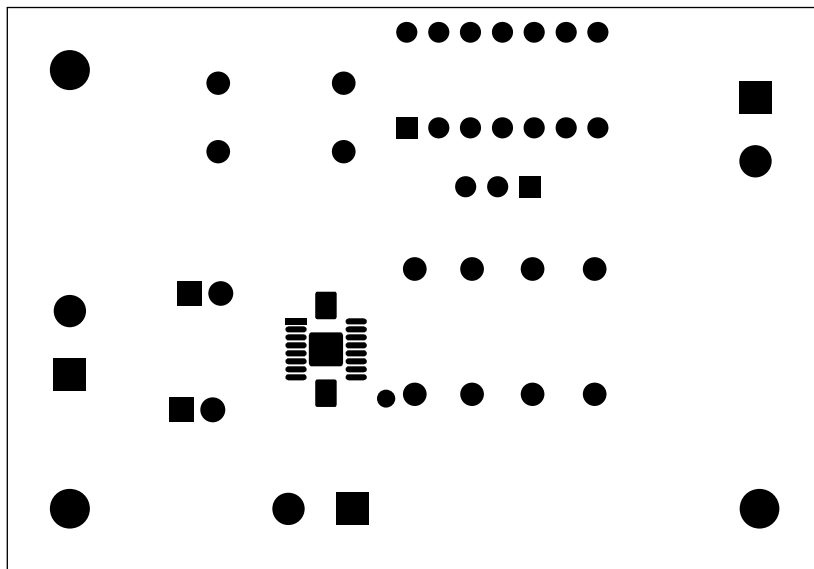
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Gerber solder top: DVT-Volga.GTS

Gerber solder bottom: DVT-Volga.GBS

toleranced DIN				tolerance	change date	num- ber	modification				01.08.2016	S.Kulik	S.Kulik		
thread according to DIN							scale:		Date		editor	certifi- cated	Appr.	Index	
surface:							material type:		substitution for dimensions w/o tolerance:						
german projection		material:					Manchester-Comparator								
semi finished product							project version		PN10049						
material consumption:							TDE								
weight:															
number of pieces per package:							Format: DIN A 3		Classing:						

Supporting regulations which apply

mailing:

V:

ZV:

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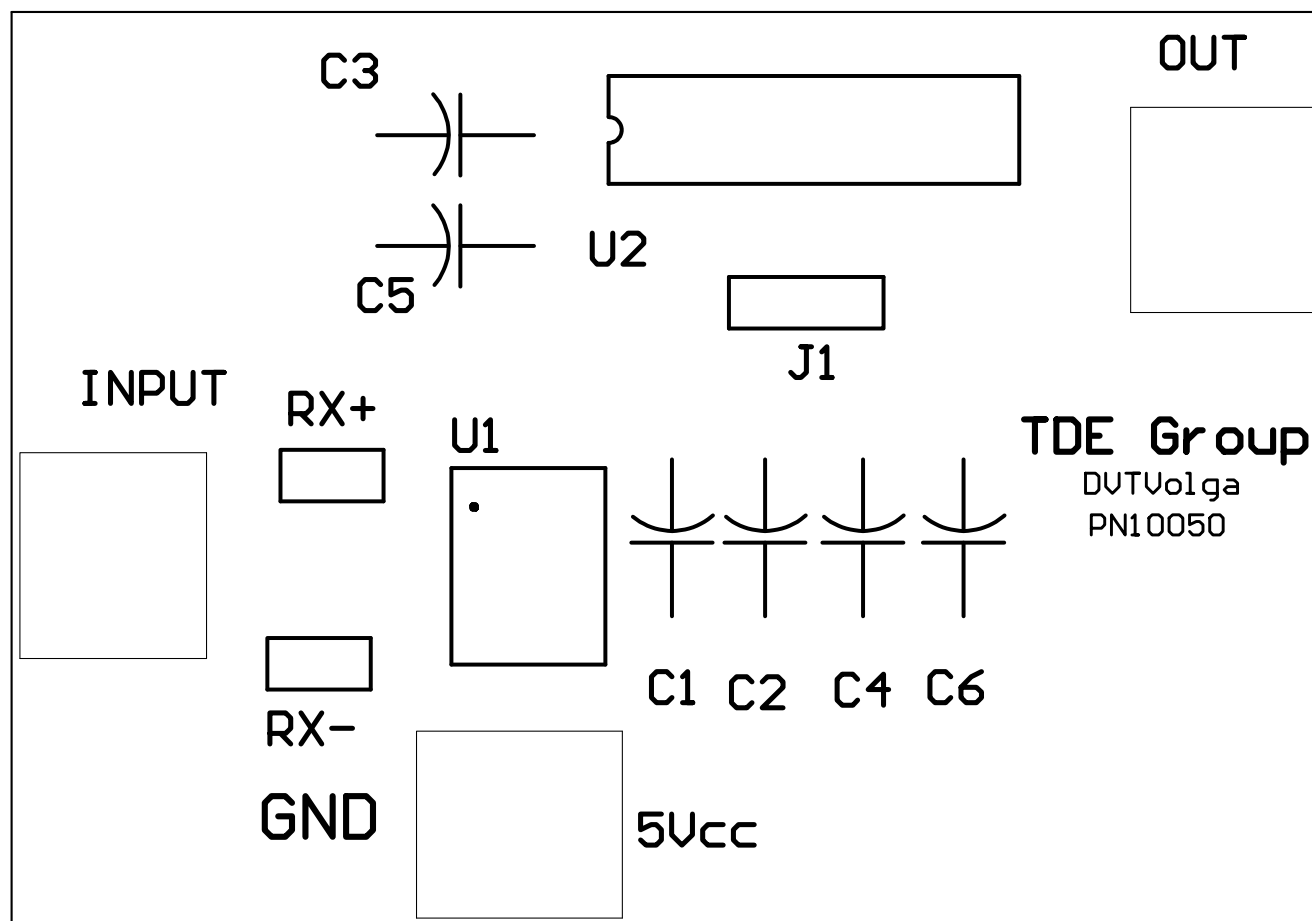
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Silk screen top



TDE Group
DVTVolga
PN10050

Gerber: DVT-Volga.GTO

toleranced DIN	tolerance	change date	num- ber	modification		01.08.2016	S.Kulik	S.Kulik		
thread according to DIN				scale:		Date	editor	certifi- cated	Appr.	Index
surface:				material type:		substitution for dimensions w/o tolerance:				
german projection		material:		Manchester-Comparator						
				project version		TDE				
semi finished product						PN10049		6		
material consumption:								6		
weight:										
number of pieces per package:						Format: DIN A 3		Classing:		

Supporting regulations which apply

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