

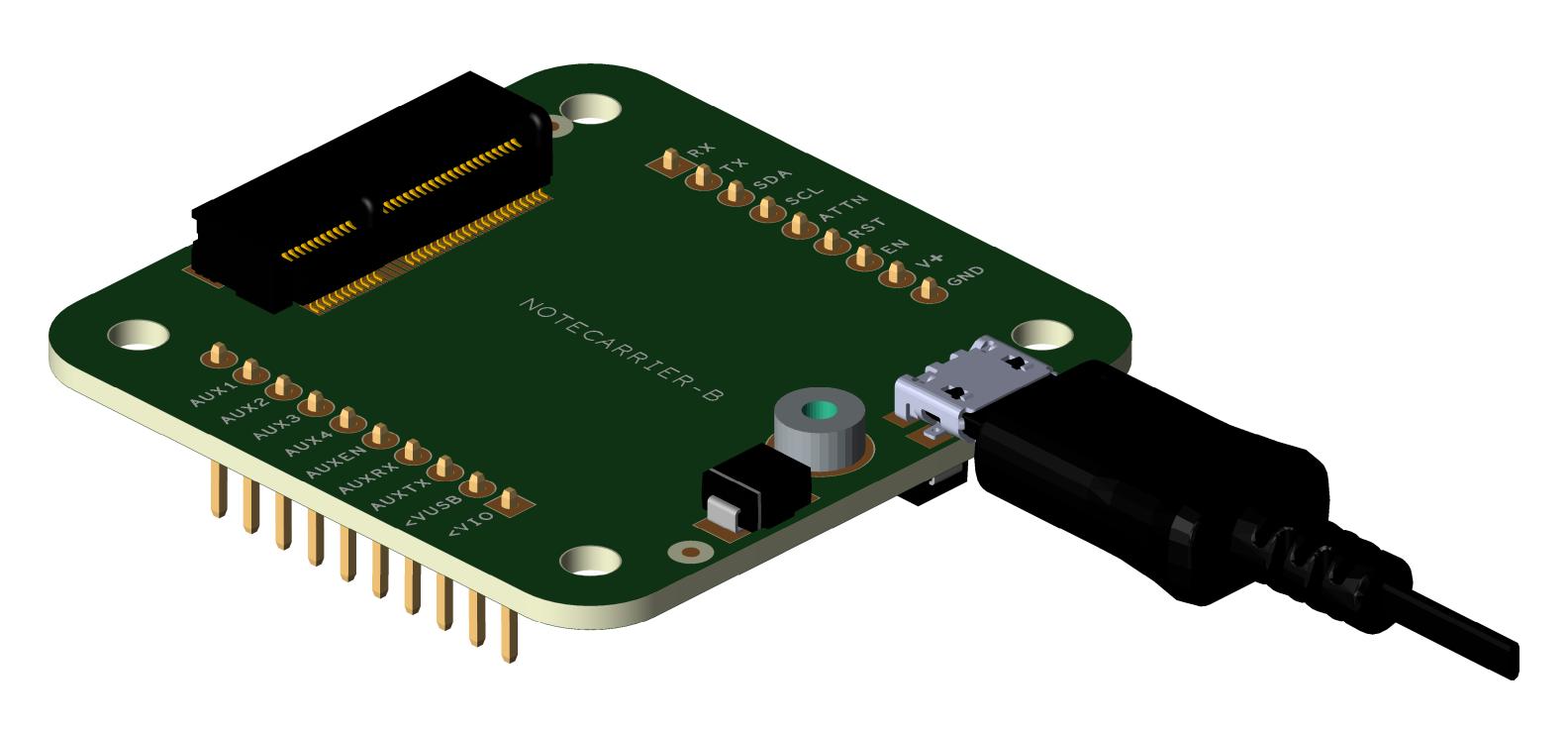
PCB DOCUMENTATION

CUSTOMER: BLUES

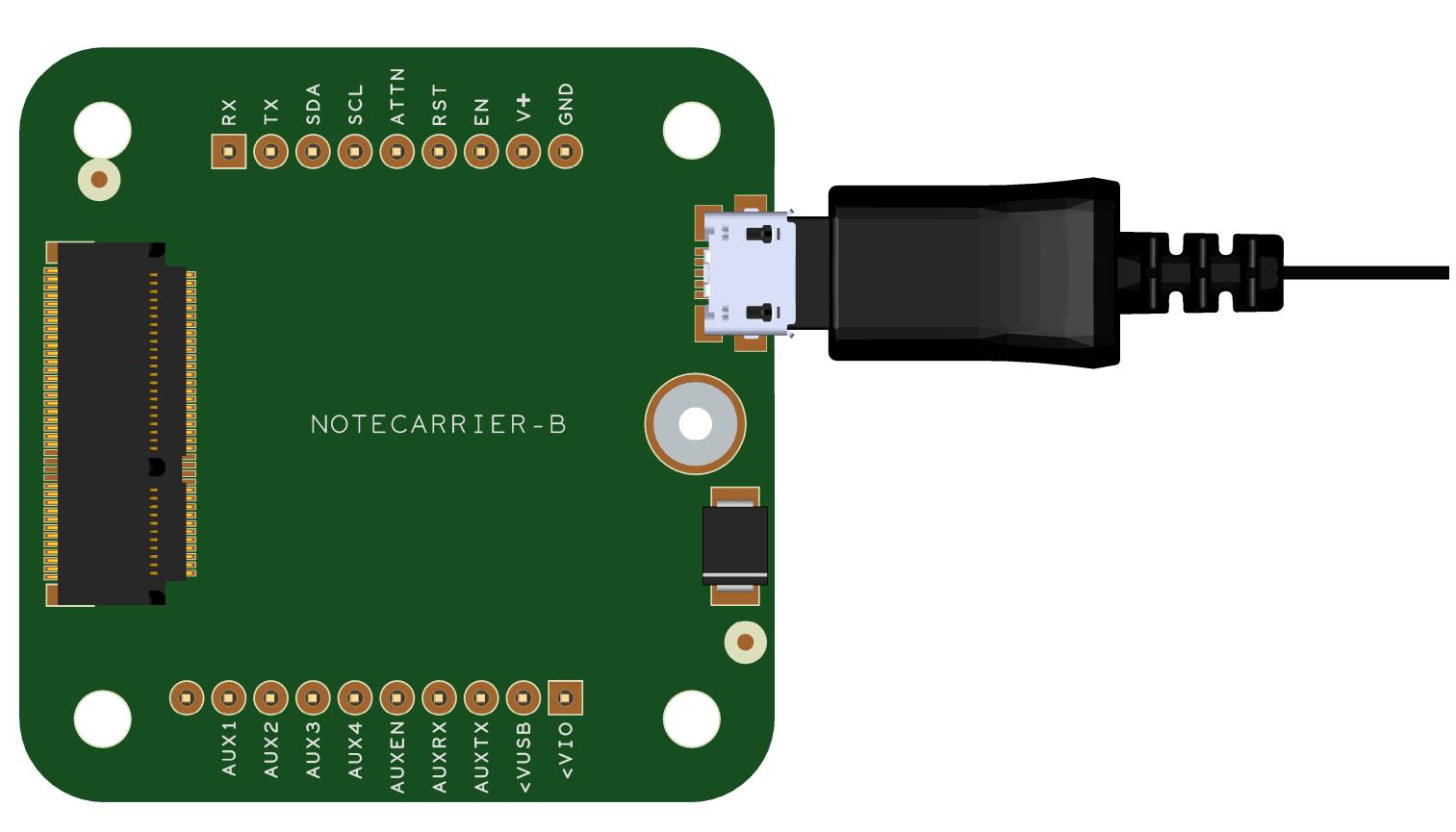
PROJECT: NOTECARRIER-B-M2 V10

FAE CODE: 2017-3047

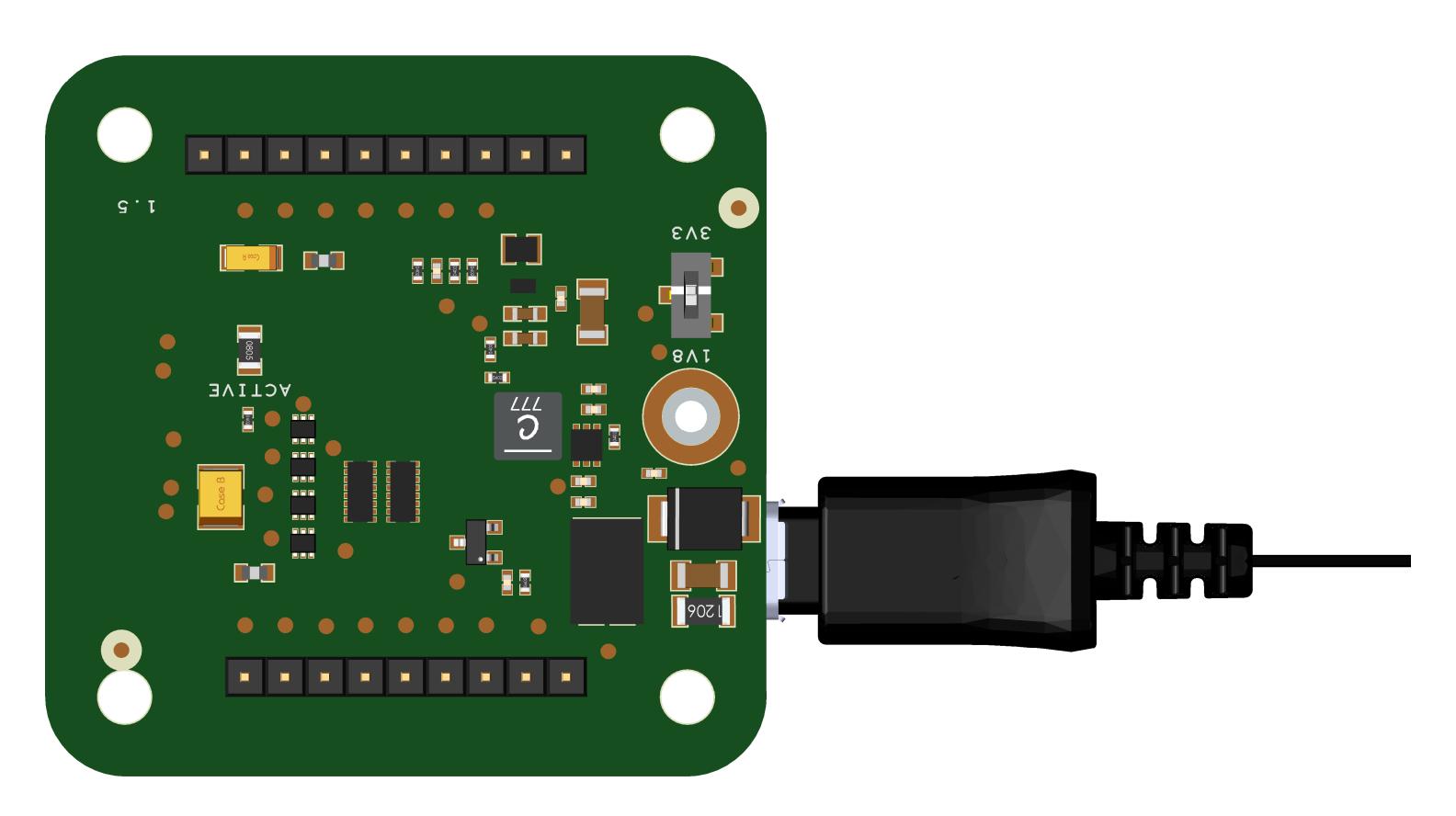
DATE: 12/03/2020













NOTECARRIER-B

* SURFACE - AIR 0 MM L1 TOP CONDUCTOR - COPPER 0.018 MM * DIELECTRIC - FR-4 1.514 MM L2 BOTTOM CONDUCTOR - COPPER 0.018 MM * SURFACE - AIR 0 MM DESIGN CROSS SECTION CHART
TOTAL THICKNESS 1.55 MM

MANUFACTURING SPECIFICATIONS IPC-6012 - IPC-A-600 CLASS 2 BOARD SIZE SOLDER COLOR GREEN 45.62x45.62x1.6mm NO.OF LAYERS DIELECTRIC MATERIAL FR4-TG140 COPPER THICKNESS BASE 35um MIN.TRACE WIDTH 0.2mm MIN.TRACE SPACING 0.15mm SILKSCREEN COLOR MIN. VIA SIZE 0.254mm



ı							
FAE		Project	name NOTEBOX		Board name	NOTECARRIER-M2-B	
	_	Designer		hini	Approved	Not approved	
		Project	Code 2017-30	47	Customer	BLUES WIRELESS	
TECHNOLOGY		Internal Code -			Code	-	
	Via C. Battisti 136, 24025, Gazzanig	ja (Bg), Italy	Rev.		Da	ta	
	Mail: info@fae.technology Tel:	+39 035738130	10		10/03	3/2020	

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GLOBALVIEW

GLOBALVIEW

Via C. Battisti 136, 24025, Gazzaniga (Bg), Mail: info@fae.technology Tel: +39 0357

* SURFACE - AIR 0 MM L1 TOP CONDUCTOR - COPPER 0.018 MM * DIELECTRIC - FR-4 1.514 MM L2 BOTTOM CONDUCTOR - COPPER 0.018 MM * SURFACE - AIR 0 MM DESIGN CROSS SECTION CHART
TOTAL THICKNESS 1.55 MM

MANUFACTURING	SPECIFICATIONS	IPC-6012 - IPC-A-600	CLASS 2
BOARD SIZE	45.62x45.62x1.6mm	SOLDER COLOR	GREEN
NO.OF LAYERS	2	DIELECTRIC MATERIAL	FR4-TG140
COPPER THICKNESS BASE	PER THICKNESS BASE 35um		0.2mm
FINISH	ENIG	MIN.TRACE SPACING	0.15mm
SILKSCREEN COLOR WHITE		MIN. VIA SIZE	0.254mm



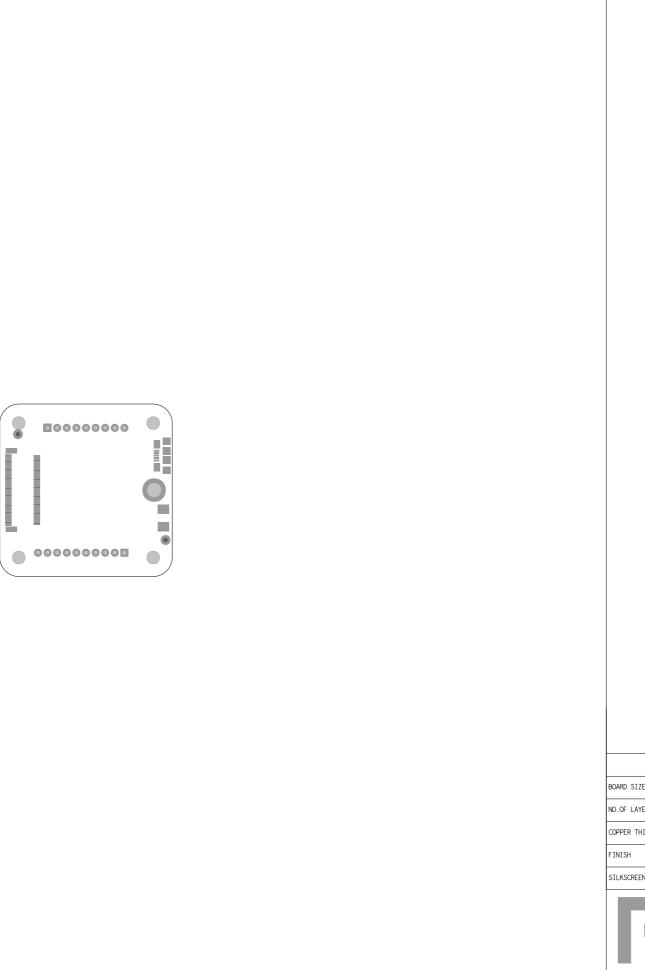
	Project	name		Board name	
		NOTEBOX			NOTECARRIER-M2-B
_	Designe	r G. Boso	hini	Approved	Not approved
	Project	Code 2017-30	147	Customer	BLUES WIRELESS
Y	Interna	l Code -		Code	-
), Italy	Rev.		Da	ta	
5738130	10		10/03	3/2020	

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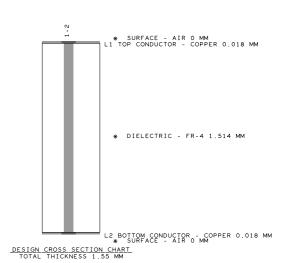
SILKSCREENTOP

SILKSCREENTOP

NOTECARRIER-B



SOLDERTOP



MANUFACTURIN	IPC-6012 - IPC-A-600		CLASS 2	
BOARD SIZE	45.62x45.62x1.6rm	SOLDER COLOR		GREEN
NO.OF LAYERS	2	DIELECTRIC MATERIAL		FR4-TG140
COPPER THICKNESS BASE 35um		MIN. TRACE WIDTH		0.2mm
FINISH	ENIG	MIN.TRACE SPACING		0.15rm
SILKSCREEN COLOR WHITE		MIN. VIA SIZE		0.254mm
		•	n .	•



- 1							
		Project	name		Board name		
			NOTEBOX			NOTECARRIER-M2-B	
	_	Designe	G. Boso	hini	Approved	Not approved	
		Project	Code 2017-30)47	Customer	BLUES WIRELESS	
TECHNOLOGY		Internal Code -			Code	-	
	Via C. Battisti 136, 24025, Gazzanig	a (Bg), Italy	Rev.		Da	ta	
	Mail: info@fae.technology Tel:	+39 035738130	10		10/03	3/2020	

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SOLDERTOP

000000060

* SURFACE - AIR 0 MM L1 TOP CONDUCTOR - COPPER 0.018 MM * DIELECTRIC - FR-4 1.514 MM L2 BOTTOM CONDUCTOR - COPPER 0.018 MM

* SURFACE - AIR 0 MM

DESIGN CROSS SECTION CHART

TOTAL THICKNESS 1.55 MM

MANUFACTURING	5	IPC-6012 - IPC-A-600		CLASS 2		
BOARD SIZE	45.62x45.62x1	, 6rm	SOLDER COLOR		GREEN	
NO.OF LAYERS	2 [DIELECTRIC MATERIAL		FR4-TG140	
COPPER THICKNESS BASE 35um		MIN.TRACE WIDTH		0.2mm		
FINISH	ENIG	MIN.TRACE SPACING			0.15rm	
SILKSCREEN COLOR	WHITE		MIN. VIA SIZE		0.254mm	
		Project name		Board name		A
	-	NOTEBOX			NOTECARRIER-M2-B	
		Designer G. Bosc	hini	Approved	Not approved	

Project Code 2017-3047 **TECHNOLOGY** Internal Code

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Code

Customer BLUES WIRELESS

TOP

00000000

* SURFACE - AIR 0 MM L1 TOP CONDUCTOR - COPPER 0.018 MM * DIELECTRIC - FR-4 1.514 MM

L2 BOTTOM CONDUCTOR - COPPER 0.018 MM * SURFACE - AIR 0 MM

MANUFACTURING SPECIFICATIONS IPC-6012 - IPC-A-600 CLASS 2 BOARD SIZE GREEN 45.62x45.62x1.6mm SOLDER COLOR NO.OF LAYERS DIELECTRIC MATERIAL FR4-TG140 COPPER THICKNESS BASE MIN.TRACE WIDTH 0.2mm MIN.TRACE SPACING 0.15mm SILKSCREEN COLOR MIN. VIA SIZE 0.254mm

DESIGN CROSS SECTION CHART
TOTAL THICKNESS 1.55 MM

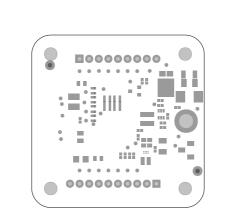


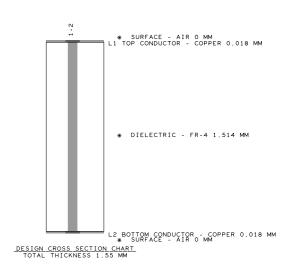
- [
			Project	name		Board name	
			NOTEBOX			NOTECARRIER-M2-B	
	Designe	G. Bosch	nini	Approved	Not approved		
	Project	Code 2017-30	47	Customer	BLUES WIRELESS		
TECHNOLOGY		Internal Code -		Code	-		
	Via C. Battisti 136, 24025, Gazzanig	a (Bg), Italy	Rev.		Da	ta	
	Mail: info@fae.technology Tel:	+39 035738130	10		10/03	3/2020	

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BOTTOM

BOTTOM





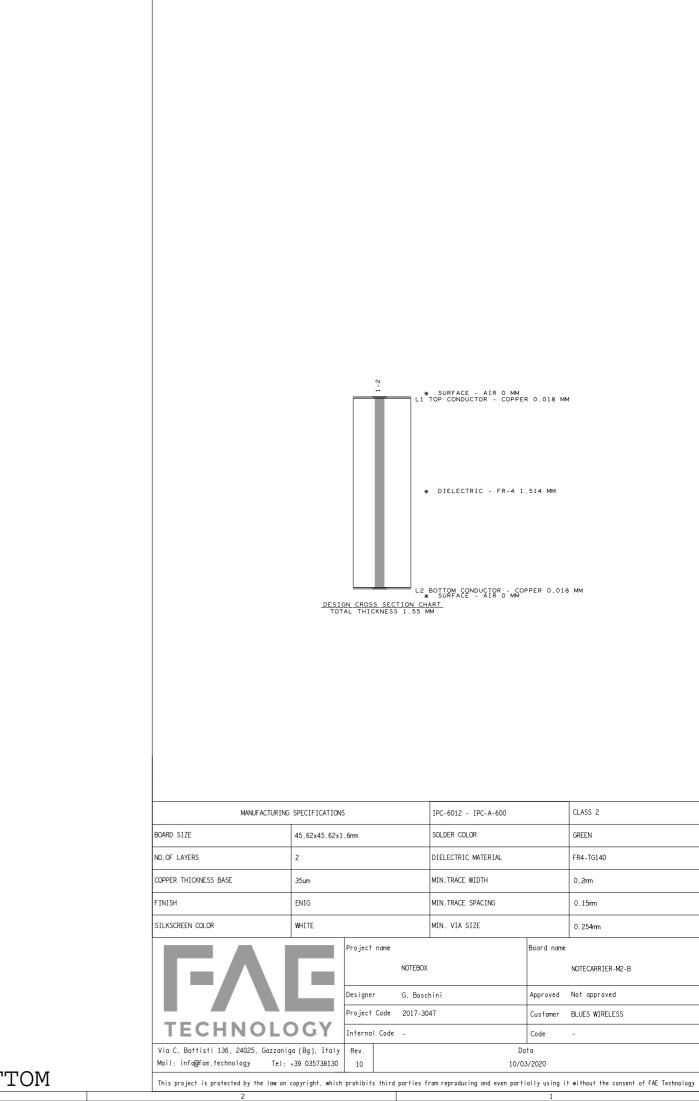
MANUFACTURING	SPECIFICATIONS	IPC-6012 - IPC-A-600	CLASS 2
BOARD SIZE	45.62x45.62x1.6mm	SOLDER COLOR	GREEN
NO.OF LAYERS	2	DIELECTRIC MATERIAL	FR4-TG140
COPPER THICKNESS BASE	35um	MIN.TRACE WIDTH	0.2mm
FINISH	ENIG	MIN.TRACE SPACING	0.15mm
SILKSCREEN COLOR	WHITE	MIN. VIA SIZE	0.254mm



				1000		0.254111
		Project name			Board name	
			NOTEBOX			NOTECARRIER-M2-B
	_	Designer G. Bosc		hini	Approved	Not approved
		Project	Code 2017-30	47	Customer	BLUES WIRELESS
TECHNOLOGY		Interna	Code -		Code	-
Via C. Battisti 136, 24025, Gazzaniga (Bg), Italy Mail: info@fae.technology Tel: +39 035738130		Rev.	Rev. Da		ta	
		10	10/03/2020			

SOLDERBOTTOM This project is protected by the law on copyright, which prohibits third parties from reproducing and even partially using it without the consent of FAE Technology

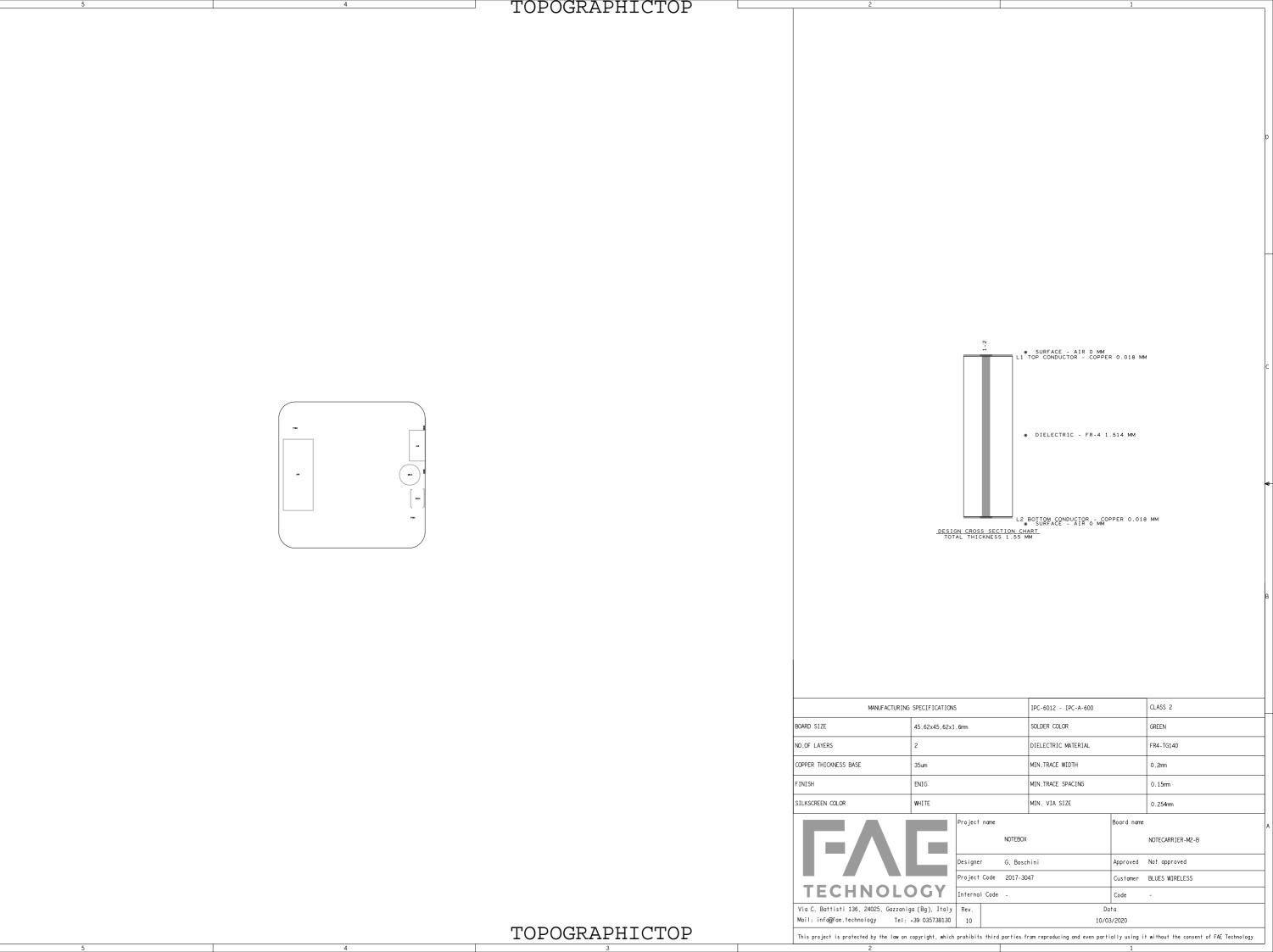
SOLDERBOTTOM

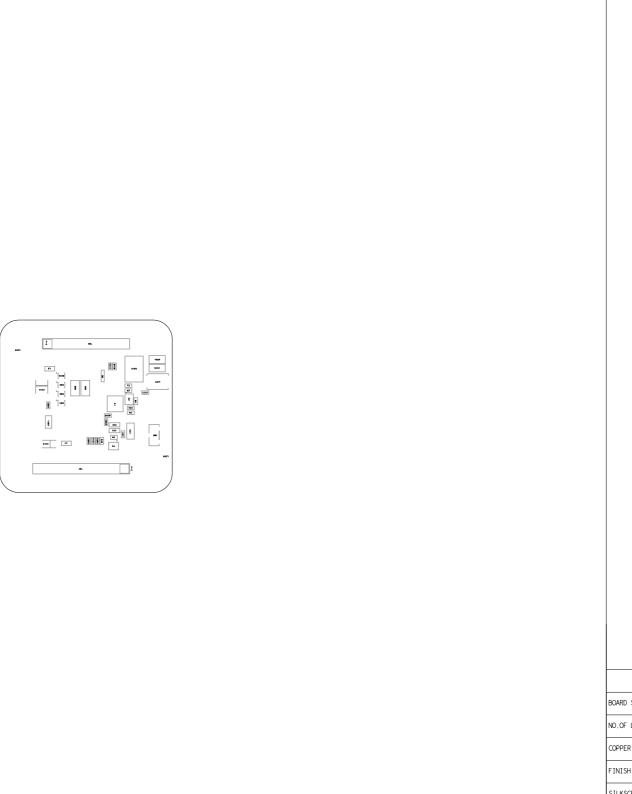


1V8 ACTIVE 3V3

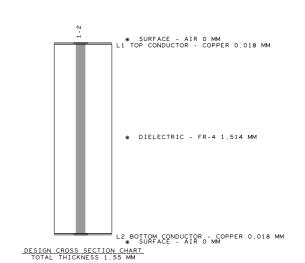
SILKSCREENBOTTOM

SILKSCREENBOTTOM





TOPOGRAPHICBOTTOM



MANUFACTURING	SPECIFICATIONS	IPC-6012 - IPC-A-600	CLASS 2
BOARD SIZE	45.62x45.62x1.6rm	SOLDER COLOR	GREEN
O.OF LAYERS 2		DIELECTRIC MATERIAL	FR4-TG140
COPPER THICKNESS BASE	ICKNESS BASE 35um		0.2mm
FINISH	ENIG	MIN.TRACE SPACING	0.15mm
SILKSCREEN COLOR	WHITE	MIN. VIA SIZE	0.254mm
	Project name	Roard name	

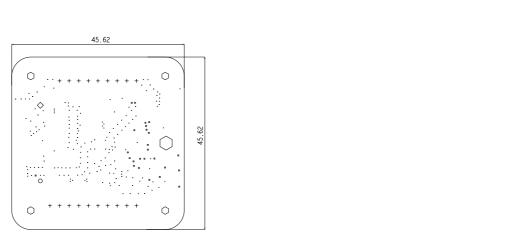


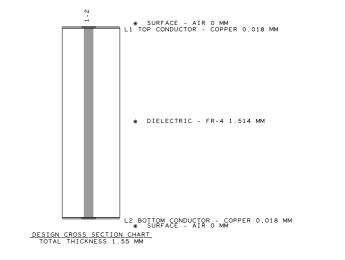
TOPOGRAPHICBOTTOM

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2			1	
		CHART: TOP to		
FIGURE	FINISHED SIZE	LL UNITS ARE IN MILLIMETER TOLERANCE	S TYPE	QTY
·	0.254	+0.075/-0.0	PLATED	189
•	0.3	+0.075/-0.0	PLATED	25
+	1.0	+0.075/-0.0	PLATED	19
\bigcirc	3.7	+0.075/-0.0	PLATED	1
0	1.1	+0.075/-0.0	NON-PLATED	1
♦	1.6	+0.075/-0.0	NON-PLATED	1
0	3.3	+0.1/-0.0	NON-PLATED	4





MANUFACTURING SPECIFICATIONS		IPC-6012 - IPC-A-600	CLASS 2
BOARD SIZE	45.62x45.62x1.6rm	SOLDER COLOR	GREEN
NO.OF LAYERS	2	DIELECTRIC MATERIAL	FR4-TG140
COPPER THICKNESS BASE	35um	MIN.TRACE WIDTH	0.2mm
FINISH	ENIG	MIN.TRACE SPACING	0.15mm
SILKSCREEN COLOR	WHITE	MIN. VIA SIZE	0.254mm

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SILKSCREEN COLOR WHITE				MIN. VIA SIZE			0.254mm
FAE		Project name		В	Board name		
		NOTEBOX					NOTECARRIER-M2-B
		Designer G. Bos		chini		Approved	Not approved
		Project Code 2017-30)47		Customer	BLUES WIRELESS
TECHNOLOGY		Internal Code -				Code	-
<u> </u>		Rev. Da			Date	a	
		10 10/03/2020					

MANUFACTURING