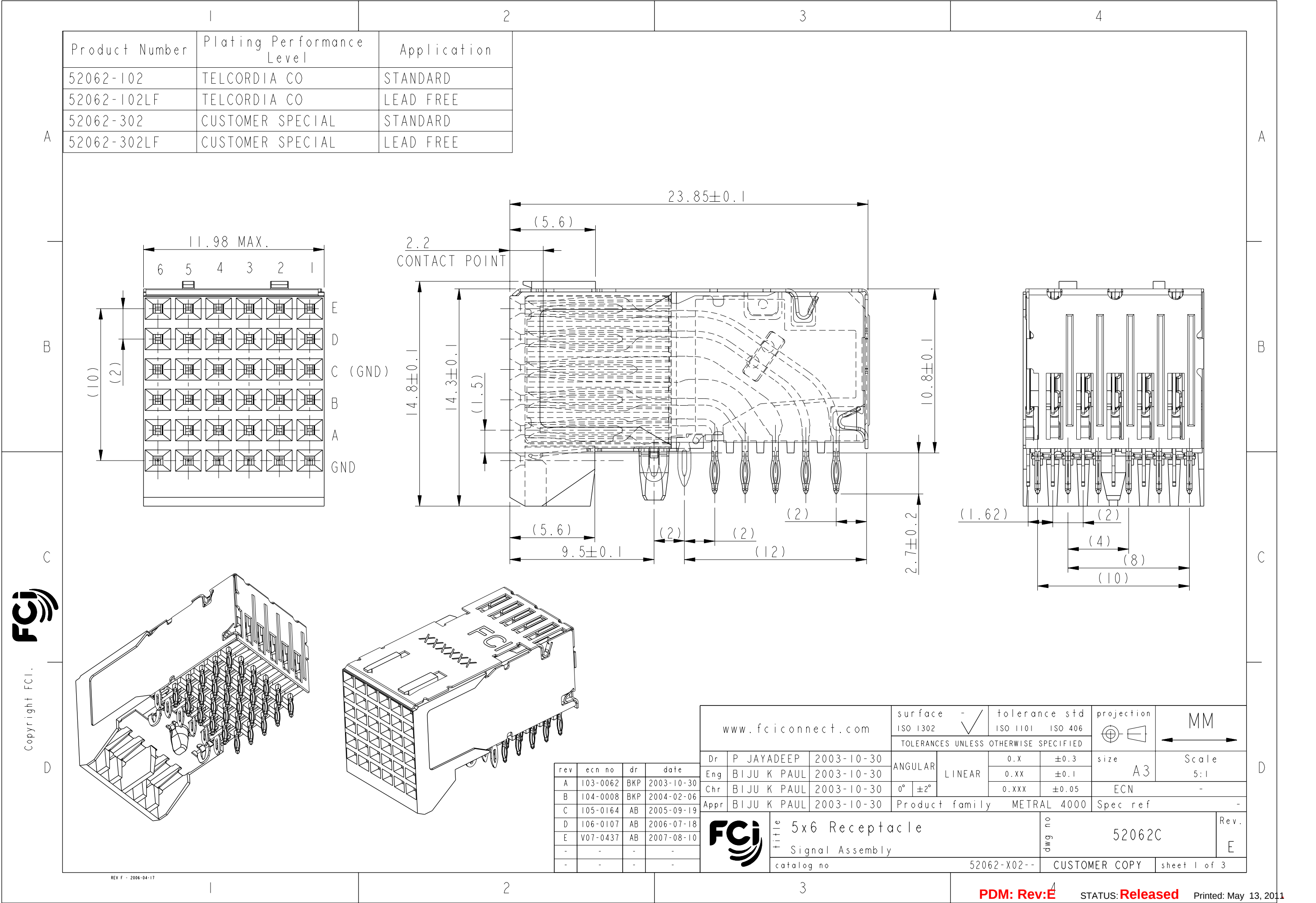
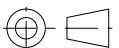




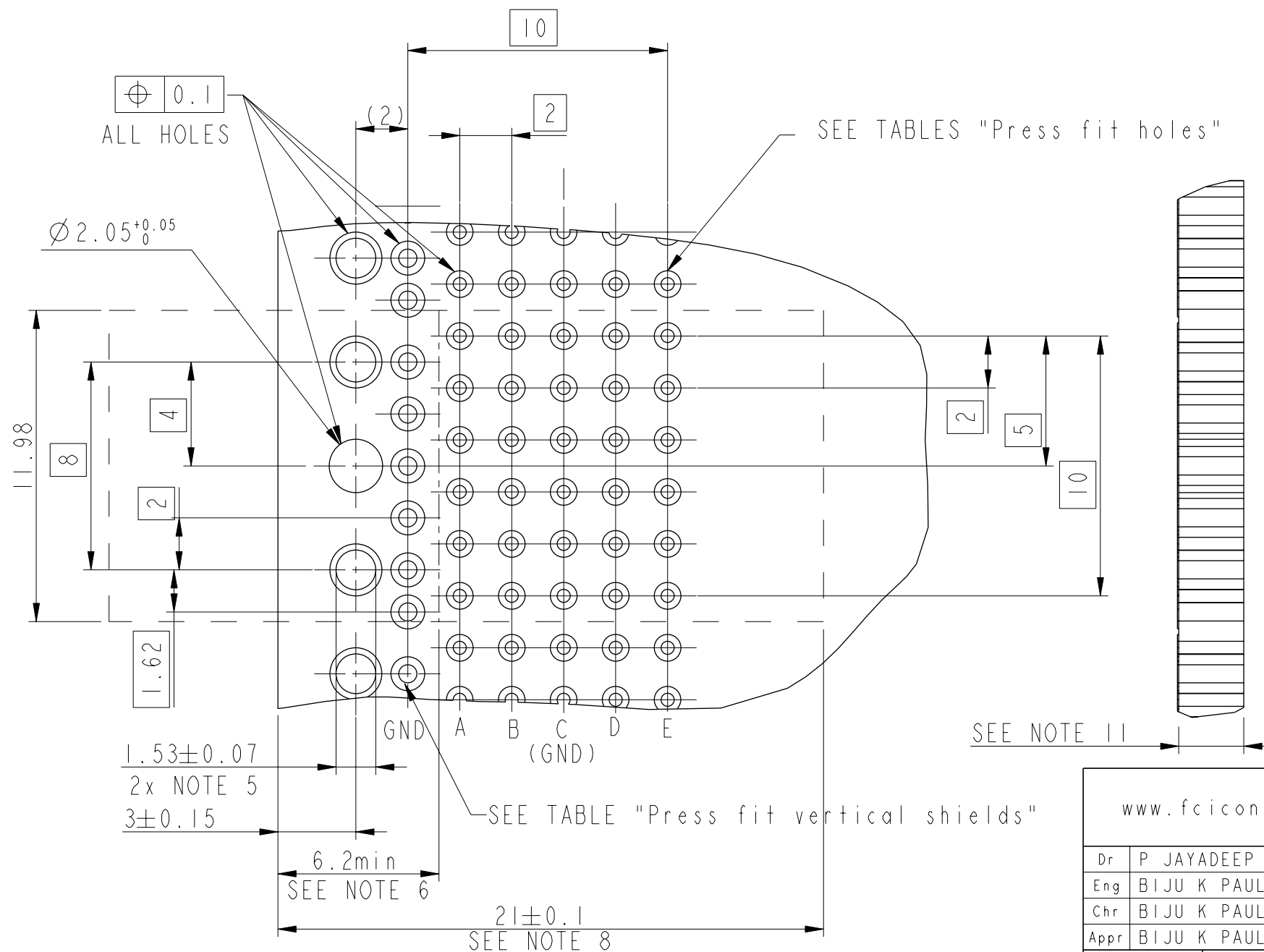
Product Number	Plating Performance Level	Application
52062-102	TELCORDIA CO	STANDARD
52062-102LF	TELCORDIA CO	LEAD FREE
52062-302	CUSTOMER SPECIAL	STANDARD
52062-302LF	CUSTOMER SPECIAL	LEAD FREE

rev	ecn no	dr	date
A	103-0062	BKP	2003-10-30
B	104-0008	BKP	2004-02-06
C	105-0164	AB	2005-09-19
D	106-0107	AB	2006-07-18
E	V07-0437	AB	2007-08-10
-	-	-	-
-	-	-	-

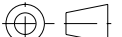
www.fciconnect.com			surface - 		tolerance std ISO 1302 ISO 1101 ISO 406		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	P JAYADEEP	2003-10-30	ANGULAR	LINEAR	0.X	±0.3	size	A3	Scale	
Eng	BIJU K PAUL	2003-10-30			0.XX	±0.1			5:1	
Chr	BIJU K PAUL	2003-10-30			0.XXX	±0.05	ECN		-	
Appr	BIJU K PAUL	2003-10-30	Product family METRAL 4000				Spec ref -			
		title 5x6 Receptacle Signal Assembly				dwg no 52062C				Rev.
										E
		catalog no 52062-X02--				CUSTOMER COPY			sheet 1 of 3	

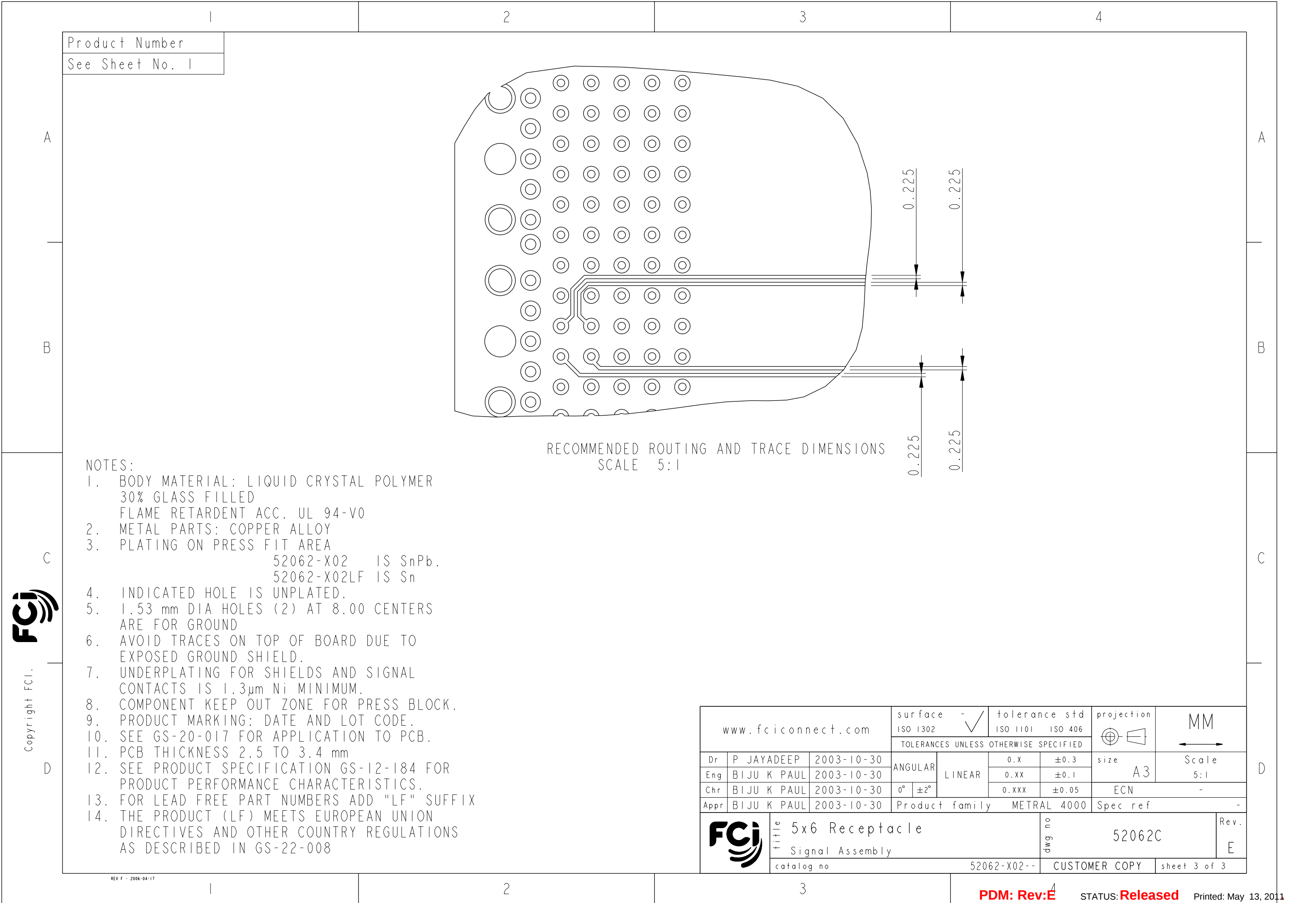
REV F - 2006-04-17

	Signal PTH Details			Vertical Shield PTH Details	
	SnPb Finish	Sn Finish	Cu Finish	SnPb Finish	Sn Finish
Drilled Hole	0.58 - 0.62 mm	0.58 - 0.62 mm	0.58 - 0.62 mm	0.81 - 0.86 mm	0.81 - 0.86 mm
Copper Plating	25 - 50 μ m	25 - 50 μ m	25 - 50 μ m	25 μ m MIN	25 μ m MIN
SnPb Plating	5 - 15 μ m	-----	-----	5 - 15 μ m	-----
Sn Plating	-----	0.8 - 1.2 μ m	-----	-----	0.8 - 1.2 μ m
Finished Hole Dia	0.45 - 0.55 mm	0.46 - 0.55 mm	0.48 - 0.57 mm	0.65 - 0.80 mm	0.65 - 0.80 mm



RECOMMENDED PCB HOLE
PATTERN - COMPONENT SIDE

www.fciconnect.com			surface - 		tolerance std		projection		MM 		
			ISO 1302		ISO 1101 ISO 406						
TOLERANCES UNLESS OTHERWISE SPECIFIED											
Dr	P JAYADEEP	2003-10-30	ANGULAR	LINEAR	0.X	±0.3	size	A3 Scale 5:1			
Eng	BIJU K PAUL	2003-10-30			0.XX	±0.1					
Chr	BIJU K PAUL	2003-10-30			0° ±2°	0.XXX	±0.05	ECN -			
Appr	BIJU K PAUL	2003-10-30	Product family METRAL 4000				Spec ref -				
		title 5x6 Receptacle Signal Assembly				dwg no 52062C				Rev. E	
		catalog no 52062-X02--				CUSTOMER COPY			sheet 2 of 3		



Product Number
See Sheet No. 1

RECOMMENDED ROUTING AND TRACE DIMENSIONS
SCALE 5:1

- NOTES:
- 1. BODY MATERIAL: LIQUID CRYSTAL POLYMER
30% GLASS FILLED
FLAME RETARDANT ACC. UL 94-V0
 - 2. METAL PARTS: COPPER ALLOY
 - 3. PLATING ON PRESS FIT AREA
52062-X02 IS SnPb.
52062-X02LF IS Sn
 - 4. INDICATED HOLE IS UNPLATED.
 - 5. 1.53 mm DIA HOLES (2) AT 8.00 CENTERS
ARE FOR GROUND
 - 6. AVOID TRACES ON TOP OF BOARD DUE TO
EXPOSED GROUND SHIELD.
 - 7. UNDERPLATING FOR SHIELDS AND SIGNAL
CONTACTS IS 1.3µm Ni MINIMUM.
 - 8. COMPONENT KEEP OUT ZONE FOR PRESS BLOCK.
 - 9. PRODUCT MARKING: DATE AND LOT CODE.
 - 10. SEE GS-20-017 FOR APPLICATION TO PCB.
 - 11. PCB THICKNESS 2.5 TO 3.4 mm
 - 12. SEE PRODUCT SPECIFICATION GS-12-184 FOR
PRODUCT PERFORMANCE CHARACTERISTICS.
 - 13. FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX
 - 14. THE PRODUCT (LF) MEETS EUROPEAN UNION
DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008

www.fciconnect.com			surface - 		tolerance std ISO 1101 ISO 406		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	P JAYADEEP	2003-10-30	ANGULAR	LINEAR	0.X	±0.3	size A3	Scale 5:1			
Eng	BIJU K PAUL	2003-10-30			0.XX	±0.1					
Chr	BIJU K PAUL	2003-10-30			0.XXX	±0.05					
Appr	BIJU K PAUL	2003-10-30	0° ±2°		Product family METRAL 4000		ECN -		Spec ref -		
		title 5x6 Receptacle Signal Assembly				dwg no 52062C		Rev. E			
		catalog no 52062-X02--				CUSTOMER COPY		sheet 3 of 3			

Mouser Electronics

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