

NOTES:

1. MATERIAL:

CONTACT: PHOSPHOR BRONZE
BASE: UL 94V-0 PBT. 30%GF
BASE: UL 94V-0 LCP. 50%GF (ONLY FOR 10057542-1311XLF)
COVER: UL 94V-0 PBT. 30%GF
COVER: UL 94V-0 LCP. 50%GF (ONLY FOR 10057542-1311XLF)

2. PLATING:

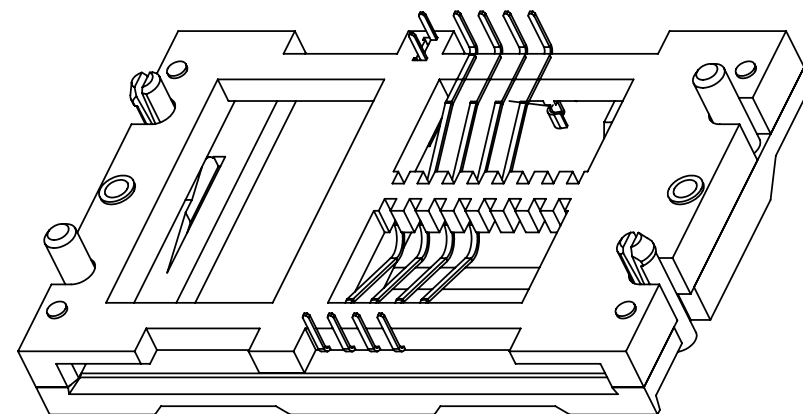
GOLD PLATING: SEE PART NUMBER DEFINITION.
120u" MATTE PURE TIN IN SOLDER TAIL AREA;
50u" NICKEL UNDERPLATE OVER ALL SURFACES.

3. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

4. GENERAL TOLERANCE: 0 mm TO 10 mm: ± 0.15 mm
10 mm TO 30 mm: ± 0.20 mm
30 mm TO 60 mm: ± 0.3 mm
>60 mm: ± 0.5 mm

5. FLATNESS CONTROL WITHIN 0.25mm MAX.

6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PECK TEMPERATURE FOR 10 SECONDS
IN A WAVE SOLDER APPLICATION WITH A 1.6mm MINIMUM THICK CIRCUIT BOARD USE PROTECTIVE
ADHESIVE TAPE (KAPTON OR TEFLON) OR PROTECTIVE METALLIC DEVICES ON THE AREAS WHICH
ARE DIRECTLY EXPOSED TO WAVE SOLDERING AS IT IS USED IN CLASSICAL LEADED WAVE SOLDERING

7. CUSTOMER CAN FREE CHOOSE THE TWO HOLES
ACCORDING TO THEIR REQUIREMENTPART NUMBER SCHEME:
10057542-XXXXXLF

SENSOR TYPE:

F: BLADE CONTACTS NORMALLY CLOSED.

A: BLADE CONTACTS NORMALLY OPEN.

GOLD PLATING THICKNESS:

1: 0.4um.

2: 0.8um.

NUMBER OF CONTACTS:

1: 8

PROFILE TYPE:

1: STANDARD PROFILE(HEIGHT: 9.0)

2: LOW PROFILE(HEIGHT: 6.5)

3: DIFFERENT FOOTS FOR LOW INSERT FORCE,

COVER COLOR:

1: BLACK.

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surface 6.4
ISO 1302tolerance std
ISO 406 ISO 1101projection
ISO 1101

MM

TOLERANCES UNLESS OTHERWISE SPECIFIED

ANGULAR

LINEAR

0.X

 ± 0.3

0.XX

 ± 0.15

0.XXX

 ± 0.05

size

A4

Scale

1.000

ECN N10-0242

Spec ref

rev	ecn no	dr	date
G	N10-0242	SH	2010-12-27
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-



title

SMART CARD CONNECTORS

catalog no

dwg no

10057542

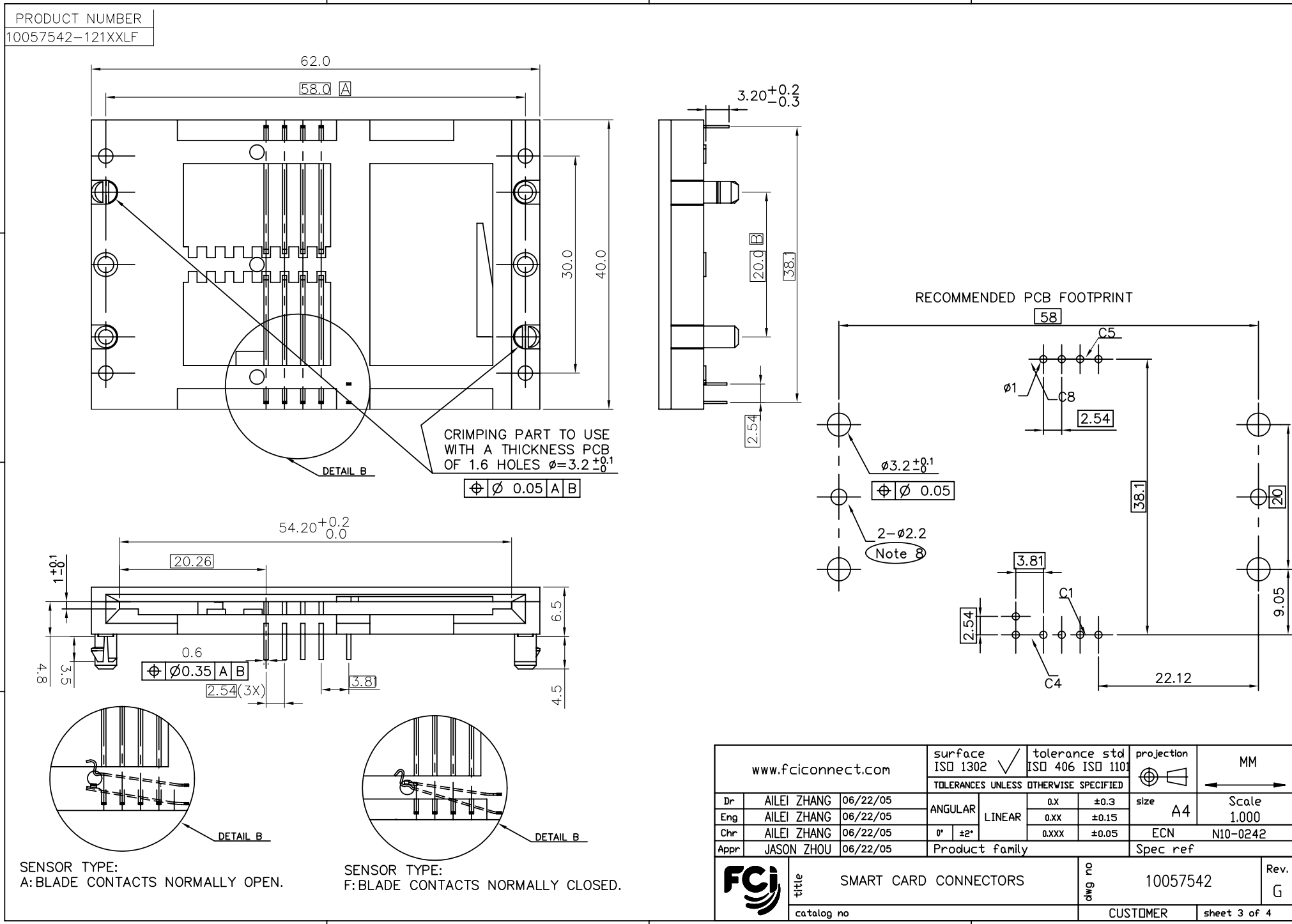
Rev.
G

CUSTOMER

sheet 1 of 4



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www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	AILEI ZHANG	06/22/05	ANGULAR	LINEAR	0.X		±0.3		size A4	Scale 1.000	
Eng	AILEI ZHANG	06/22/05			0.XX		±0.15				
Chr	AILEI ZHANG	06/22/05			0.XXX		±0.05				
Appr	JASON ZHOU	06/22/05	Product family					ECN N10-0242 Spec ref			
			title SMART CARD CONNECTORS				dwg no 10057542			Rev. G	
catalog no							CUSTOMER			sheet 3 of 4	



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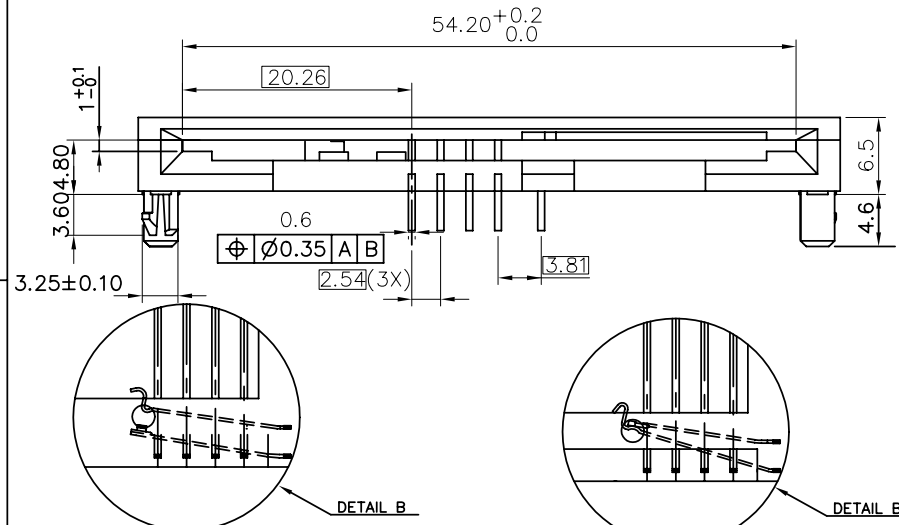
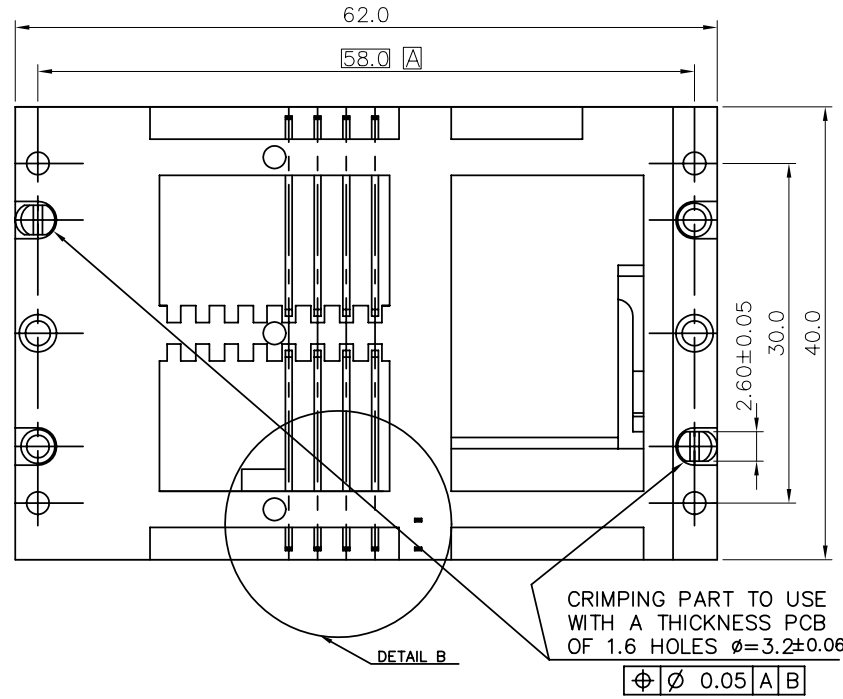
PRODUCT NUMBER
10057542-131XXLF

A

B

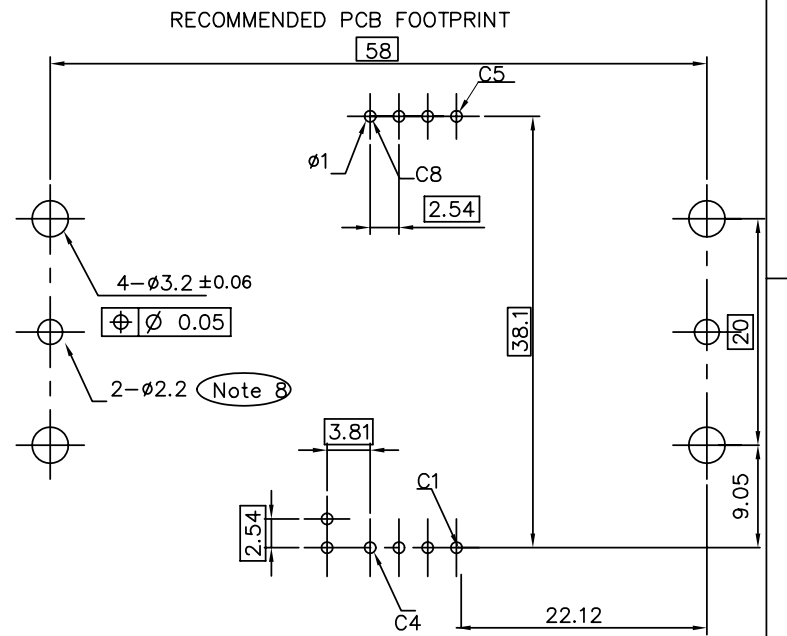
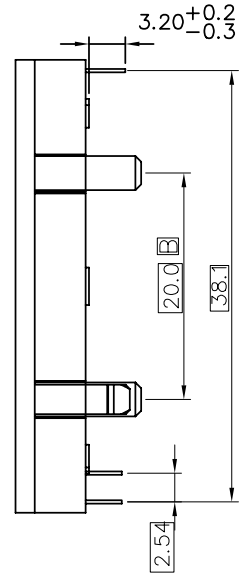
C

D



SENSOR TYPE:
A: BLADE CONTACTS NORMALLY OPEN.

SENSOR TYPE:
F: BLADE CONTACTS NORMALLY CLOSED.



www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		MM 		
			TOLERANCES UNLESS		OTHERWISE SPECIFIED						
Dr	AILEI ZHANG	06/22/05	ANGULAR LINEAR		0.X		±0.3		size A4	Scale 1.000	
Eng	AILEI ZHANG	06/22/05			0.XX		±0.15				
Chr	AILEI ZHANG	06/22/05	0° ±2°		0.XXX		±0.05		ECN N10-0242		
Appr	JASON ZHOU	06/22/05	Product family						Spec ref		
			title SMART CARD CONNECTORS					dwg no 10057542		Rev. G	
catalog no								CUSTOMER		sheet 4 of 4	