

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:

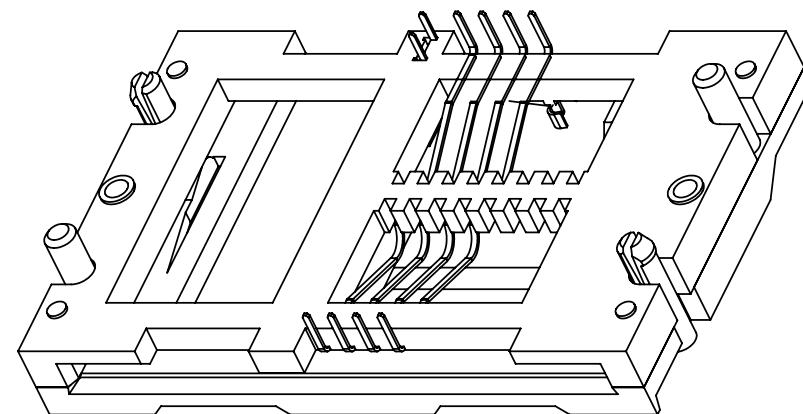
GOLD PLATING: SEE PART NUMBER DEFINITION.
120u" MATTE PURE TIN IN SOLDER TAIL AREA;
50u" NICKEL UNDERPLATE OVER ALL SURFACES.

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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PRODUCT NUMBER
10057542-111XXLF

CRIMPING PART TO USE
WITH A THICKNESS PCB
OF 1.6 HOLES $\phi=3.2\pm0.06$

$\phi \pm 0.05$ A B

$\phi 3\pm0.2$
 $\phi \pm 0.05$ A B

62.0

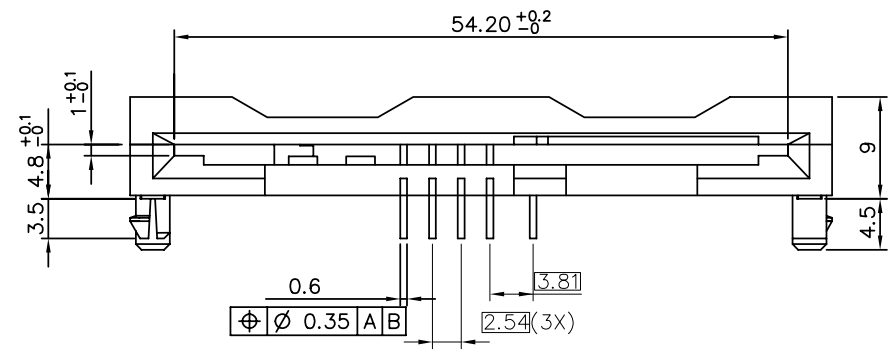
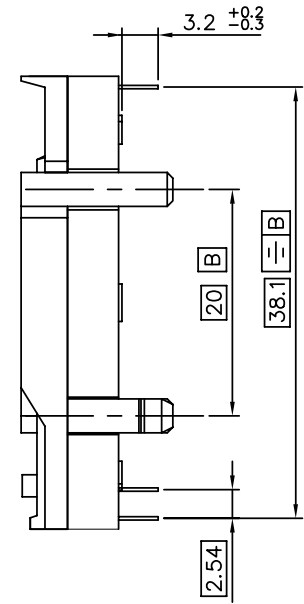
58.0 A

30.0

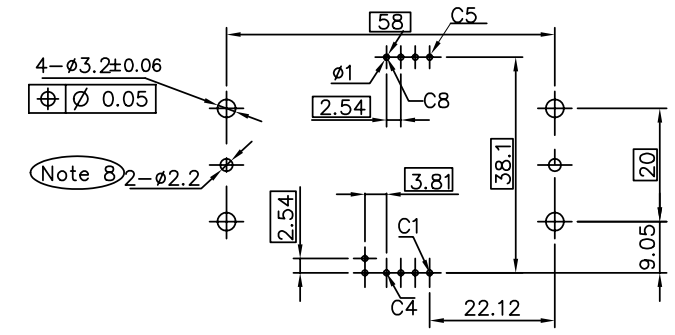
40.0

22.16

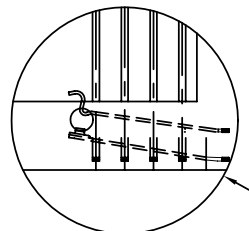
DETAIL A



RECOMMENDED PCB FOOTPRINT

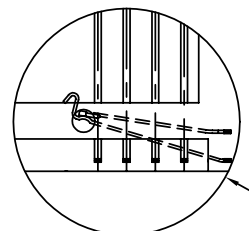


SCALE 2/1



DETAIL A

SENSOR TYPE:
A: BLADE CONTACTS NORMALLY OPEN.



DETAIL A

SENSOR TYPE:
F: BLADE CONTACTS NORMALLY CLOSED.

REV F - 2008-04-17

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 2 of 4	

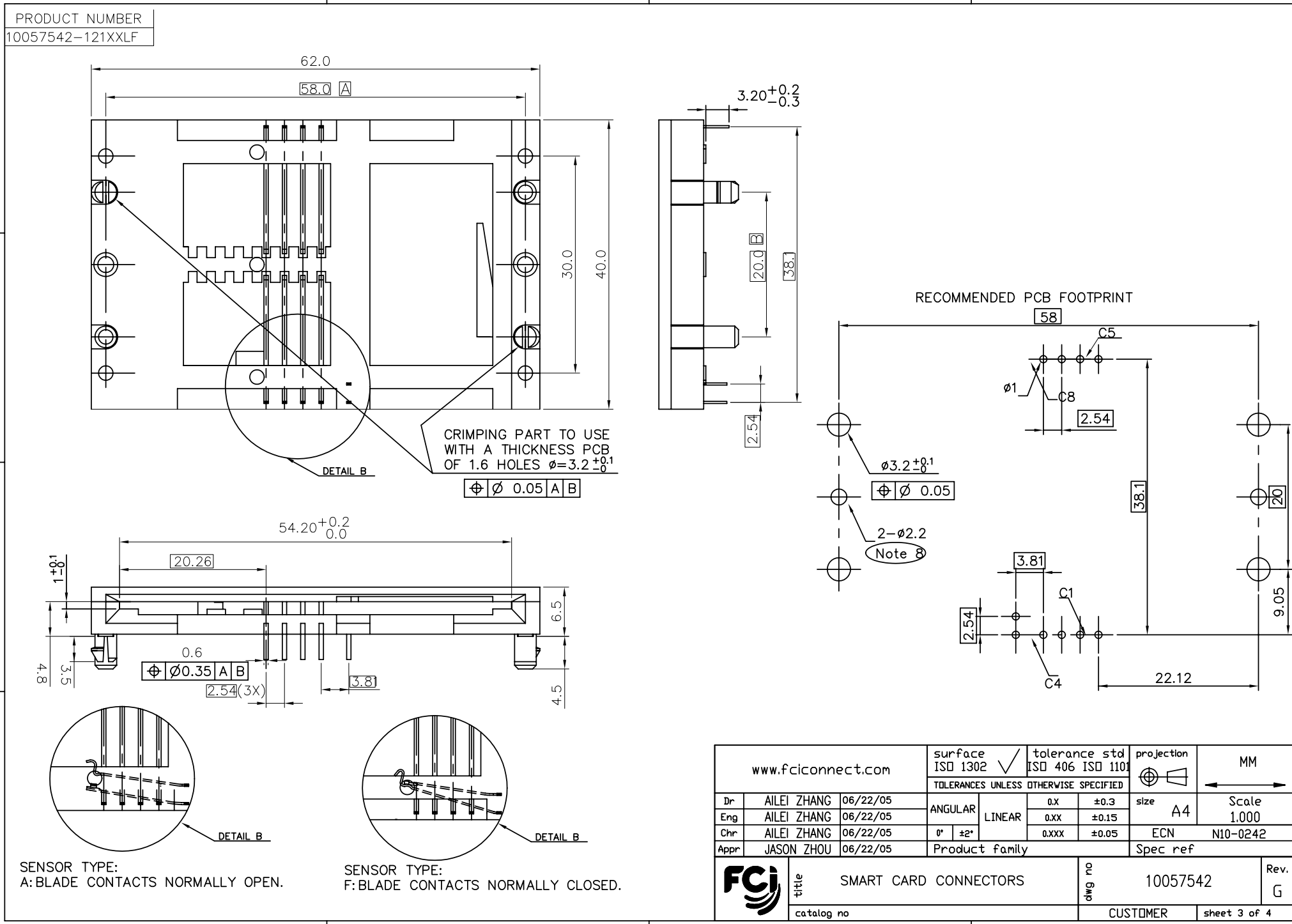
PDM: Rev:G

STATUS:Released

Printed: Jan 20, 2011



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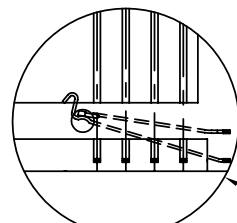
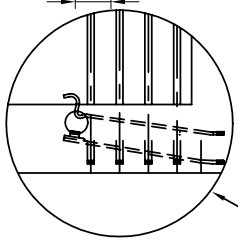
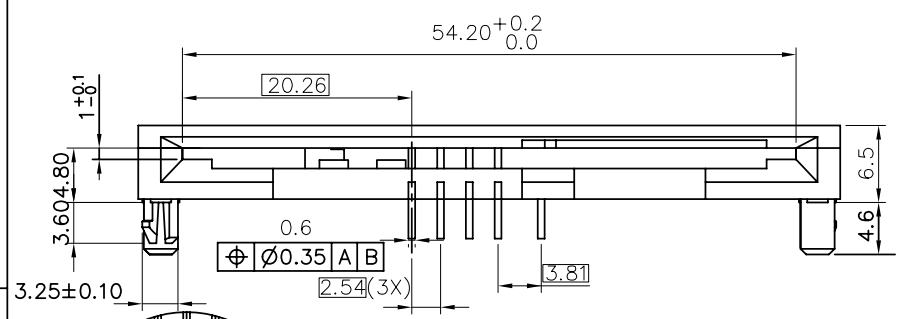
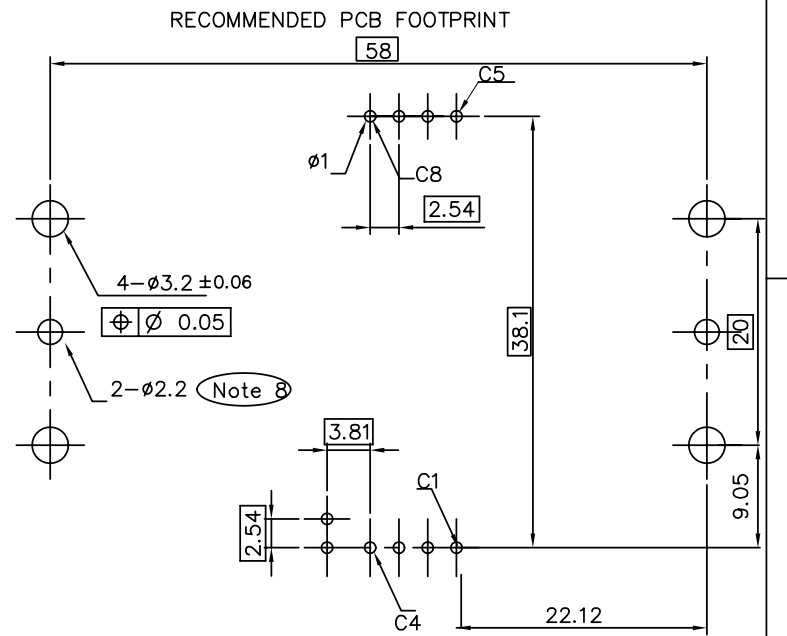
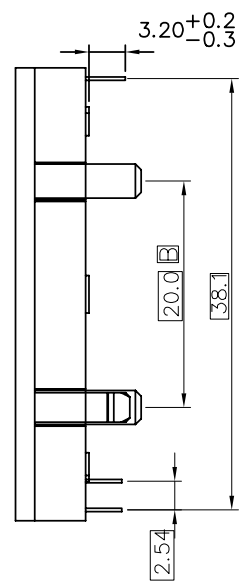
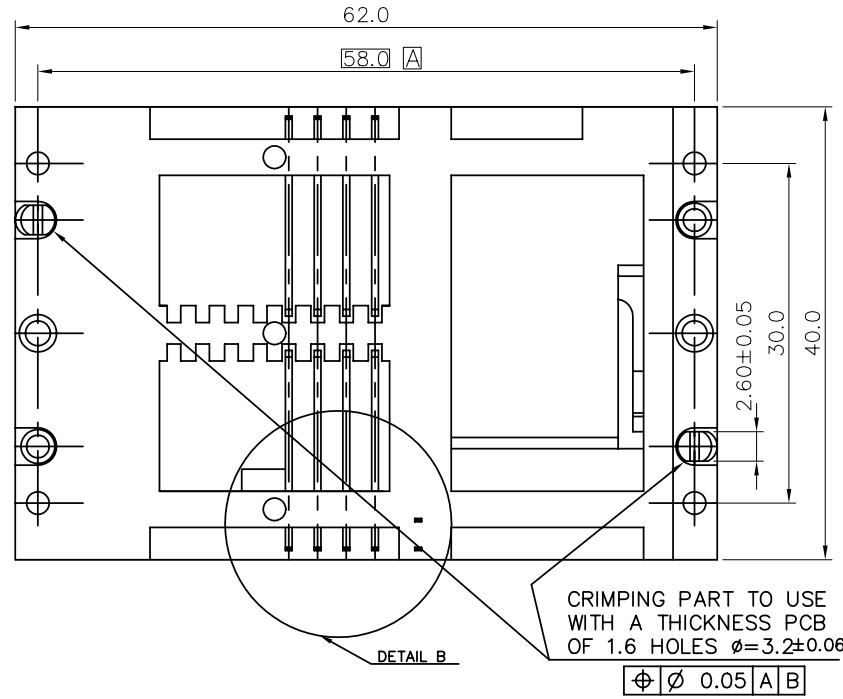


www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	AILEI ZHANG	06/22/05	ANGULAR	LINEAR	0.X		±0.3		size A4	Scale	
Eng	AILEI ZHANG	06/22/05			0.XX		±0.15			1.000	
Chr	AILEI ZHANG	06/22/05			0.XXX		±0.05			ECN N10-0242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



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PRODUCT NUMBER
10057542-131XXLF



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.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 4 of 4		

REV F - 2008-04-17

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4 Printed: Jan 20, 2011