

10 9 8 7 6 5 4 3 2 1

F

F

E

E

D

D

C

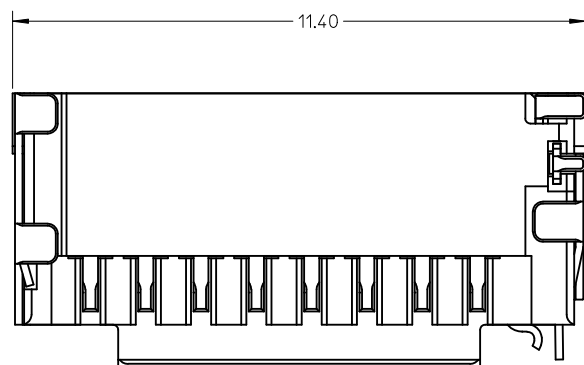
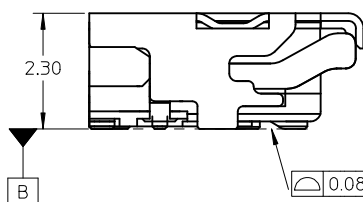
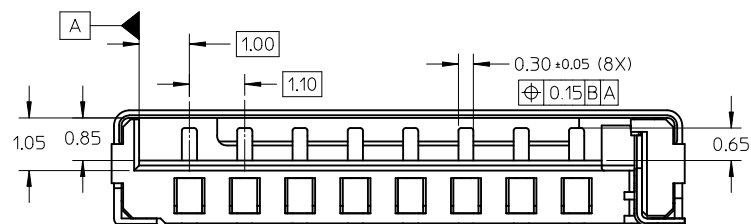
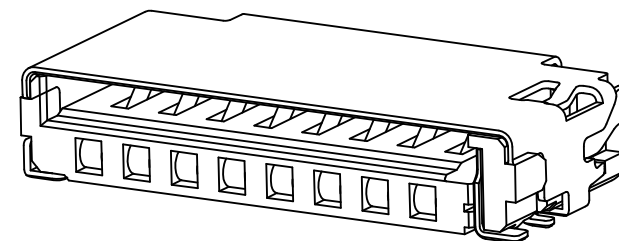
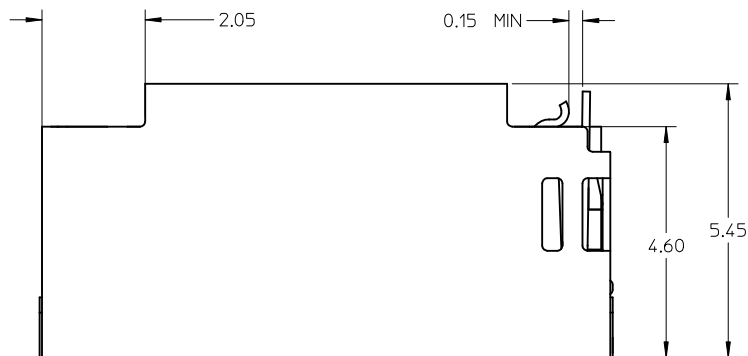
C

B

B

A

A



NOTES:

1. MATERIAL:

- 1-1 HOUSING: LCP, 30% G/F, UL 94V-0, BLACK
- 1-2 SIGNAL TERMINAL AND DETECT TERMINAL: PHOSPHOR BRONZE
- 1-3 METAL SHELL: STAINLESS STEEL

2. FINISH:

- 2-1 SIGNAL TERMINAL: 1.25 MICRON NICKEL MIN UNDER-PLATED, CONTACT AREA SEE TABLE, GOLD FLASH ON SOLDER AREA.
- 2-2 METAL SHELL: GOLD FLASH OVER NICKEL ON SOLDER AREA.
- 2-3 DETECT PIN: 1.25 MICRON NICKEL MIN UNDER-PLATED GOLD FLASH PLATED ON CONTACT AREA, TIN PLATED ON SOLDER AREA.

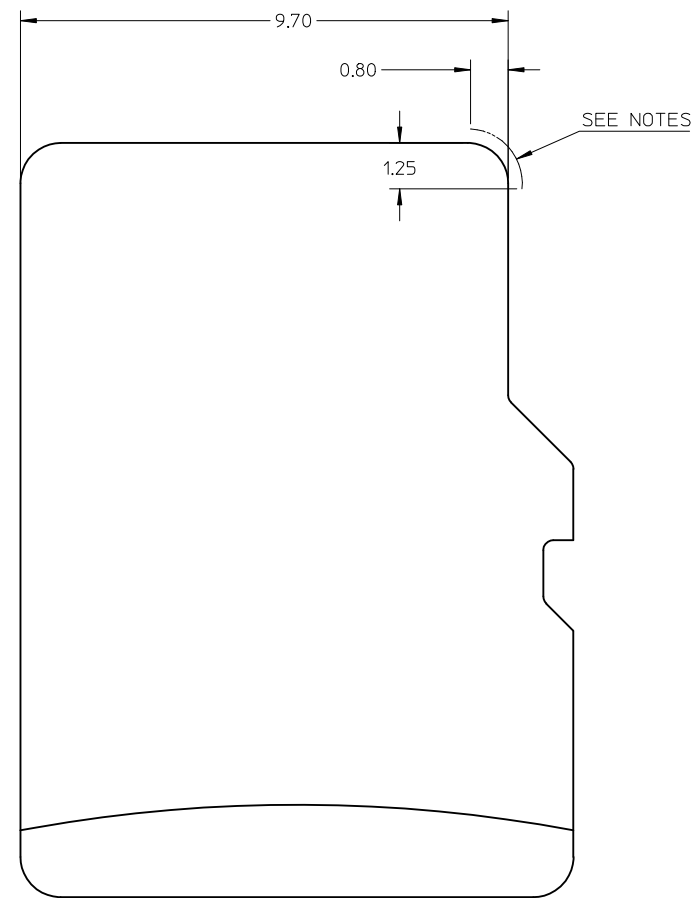
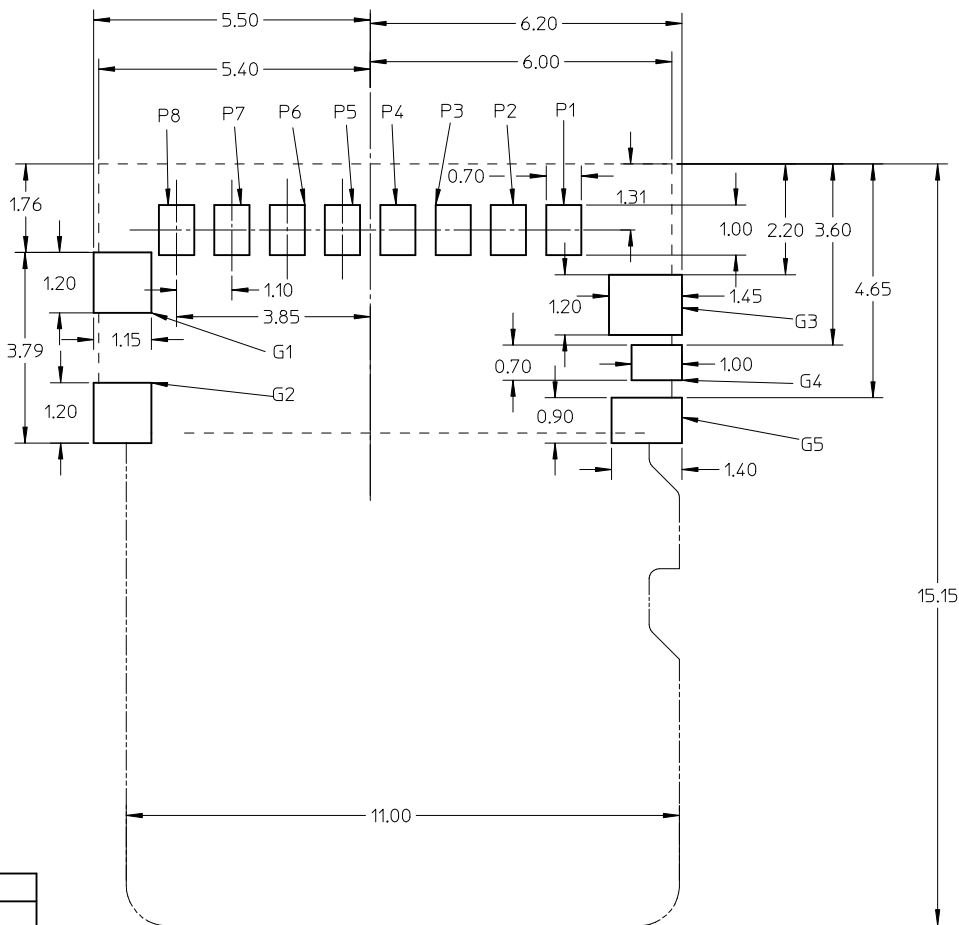
3. PRODUCT SPECIFICATION: PS-47309-001.

4. PACKAGE SPECIFICATION: PK-47571-001.

5. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.

47571-0101	0.38 MICRON MIN. GOLD PLATING
47571-0001	0.76 MICRON MIN. GOLD PLATING
47571-2001	0.1 MICRON MIN. GOLD PLATING
P/N	CONTACT AREA PLATING

ADD PART NUMBER EC NO: SH2012-0261 DRWG: GLLI CHKD: APPR: AYIN REV	DESCRIPTION 2012/02/10 2012/02/23	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
					DRAWN BY GLLI	DATE 2012/02/10	TITLE TFR HEADER WITH DETECT PIN				
					CHECKED BY XQ ZHANG	DATE 2012/02/10					
					APPROVED BY AYIN	DATE 2012/02/23				 MOLEX INCORPORATED	
					ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.			SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-47571-001				1 OF 2
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



G5	DET
G4	POL
G3	GND
G2	GND
G1	GND
P8	DAT1
P7	DAT0
P6	VSS
P5	CLK
P4	VDD
P3	CMD
P2	CD/DAT3
P1	DAT2
NAME	TYPE
PIN ASSIGNMENT	

----- CONNECTOR PROFILE
 ----- CARD PROFILE

NOTES:
 NO CONDUCTIVE EXPOSURE TRACE IS ALLOWED ON THE SIDE FACE
 OF THE CARD AT THIS AREA.

SEE SHEET 1 EC NO: SH2012-0261 DRAWN:GLLI CHKD: APPR:AYIN REV	QUALITY SYMBOLS  =0  =0  =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY GLLI	DATE 2012/02/10	TITLE TFR HEADER WITH DETECT PIN			
		4 PLACES	± ---	± ---	CHECKED BY XQ ZHANG	DATE 2012/02/10				
		3 PLACES	± ---	± ---	APPROVED BY AYIN	DATE 2012/02/23				
		2 PLACES	± 0.15	± ---	MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-47571-001		SHEET NO. 2 OF 2	
		1 PLACE	± 0.25	± ---						
		ANGULAR ± 3 °				MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

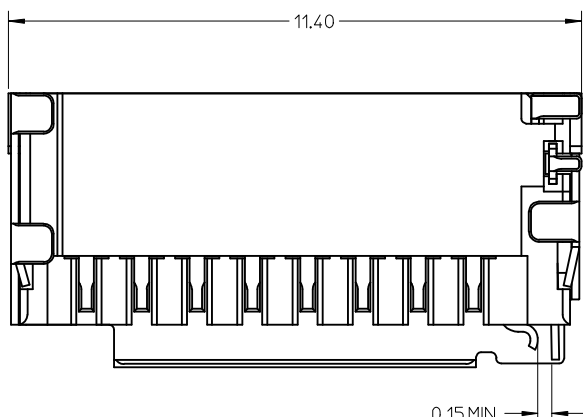
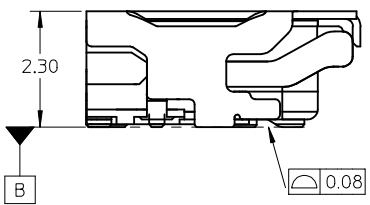
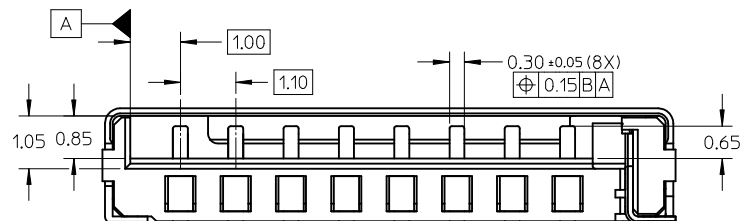
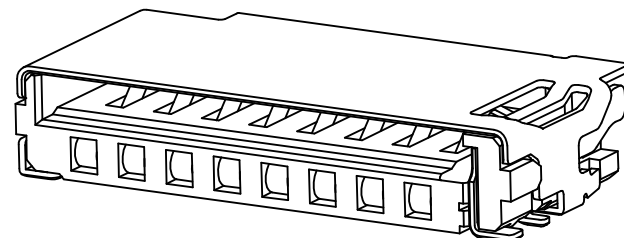
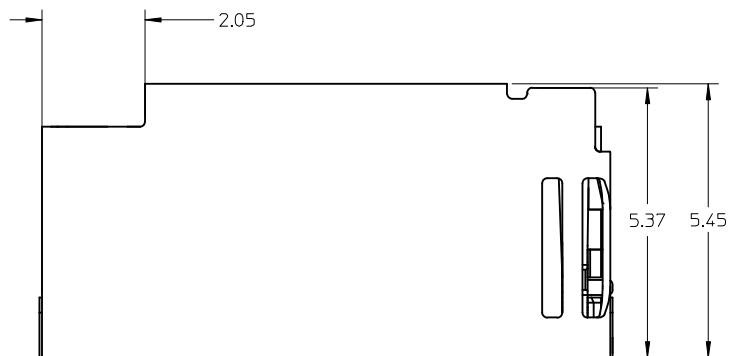
E

D

C

B

A



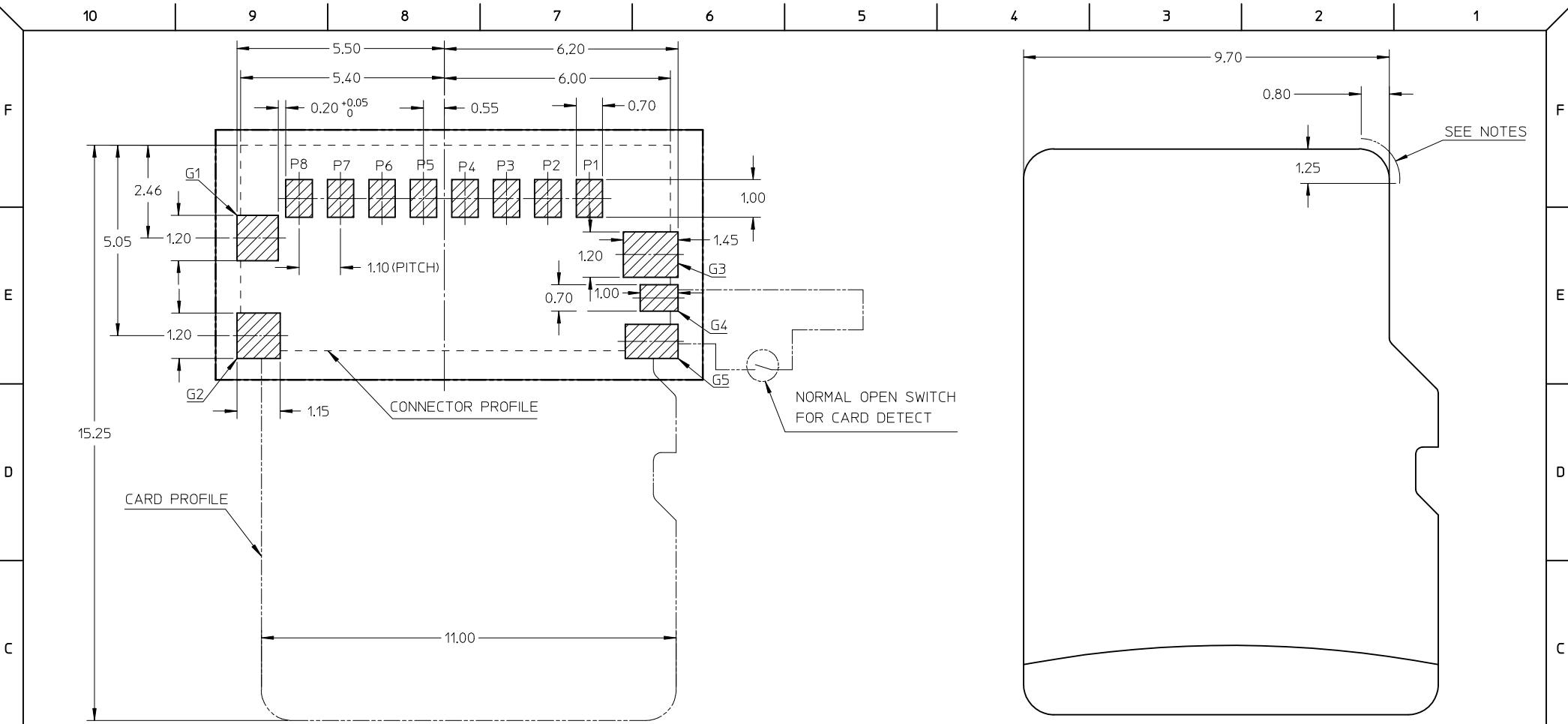
NOTES:

1. MATERIAL:
1-1 HOUSING: LCP, 30% G/F, UL 94V-0, BLACK
1-2 SIGNAL TERMINAL AND DETECT TERMINAL: COPPER
1-3 METAL SHELL: STAINLESS STEEL
2. FINISH:
2-1 SIGNAL TERMINAL: 1.25 MICRON NICKEL MIN UNDER-PLATED, CONTACT AREA SEE TABLE, GOLD FLASH ON SOLDER AREA.
2-2 METAL SHELL: GOLD FLASH OVER NICKEL ON SOLDER AREA.
2-3 DETECT PIN: 1.25 MICRON NICKEL MIN UNDER-PLATED GOLD FLASH PLATED ON CONTACT AREA, TIN PLATED ON SOLDER AREA.
3. PRODUCT SPECIFICATION: PS-47309-001.
4. PACKAGE SPECIFICATION: PK-47571-001.
5. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.

47571-0011	0.76 MICRON MIN. GOLD PLATING
P/N	CONTACT AREA PLATING

REVISED EC NO: SH2014-0020 DRWN: CGLI CHKD: APPR: AYIN A	DESCRIPTION 2013/05/31 2013/07/30	QUALITY SYMBOLS ▽_A=0 ▽_C=0 ▽_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY CGLI		DATE 2013/05/31	TITLE TFR HEADER WITH DETECT PIN			
			4 PLACES	±---	±---	CHECKED BY		DATE				
			3 PLACES	±---	±---	APPROVED BY AYIN		DATE 2013/07/30	molex			
			2 PLACES	±0.15	±---							
			1 PLACE	±0.25	±---							
			ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-47571-011		1 OF 2					
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

9 8 7 6 5 4 3 2 1



RECOMMENDED PCB LAYOUT
TOLERANCE: 0.05 MM

NOTES:
NO CONDUCTIVE EXPOSURE TRACE IS ALLOWED ON THE SIDE FACE
OF THE CARD AT THIS AREA.

G5	DET
G4	POL
G3	GND
G2	GND
G1	GND
P8	DAT1
P7	DAT0
P6	VSS
P5	CLK
P4	VDD
P3	CMD
P2	CD/DAT3
P1	DAT2
NAME	TYPE
PIN ASSIGNMENT	

SEE SHEET 1 EC NO: SH2014-0020 DRAWN: CGL CHKD: APPR: AYIN REV A	DESCRIPTION 2013/05/31 2013/07/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION							
		 =0  =0  =0		mm	INCH	DRAWN BY CGL	DATE 2013/05/31	TITLE TFR HEADER WITH DETECT PIN								
			4 PLACES	± ---	± ---	CHECKED BY	DATE									
			3 PLACES	± ---	± ---	APPROVED BY AYIN					DATE 2013/07/30					
			2 PLACES	± 0.15	± ---											
		1 PLACE	± 0.25	± ---	MATERIAL NO. SEE SHEET 1					DOCUMENT NO. SD-47571-011					SHEET NO. 2 OF 2	
		ANGULAR ± 3 °														
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											