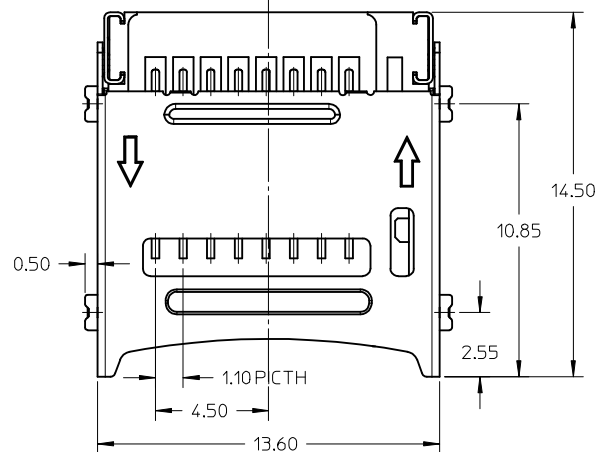
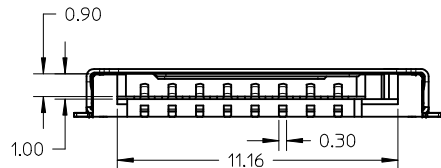
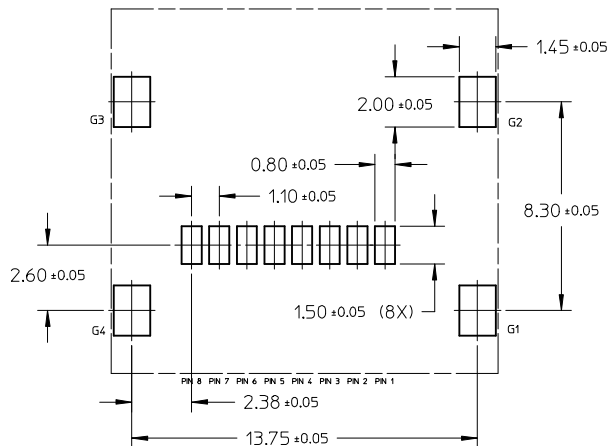




RECOMMENDED PCB LAYOUT

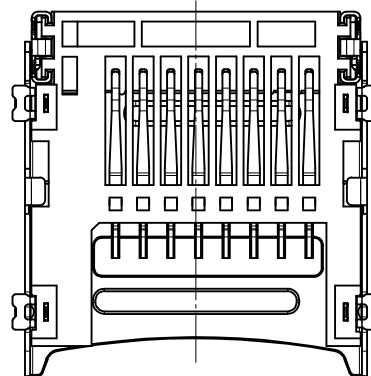
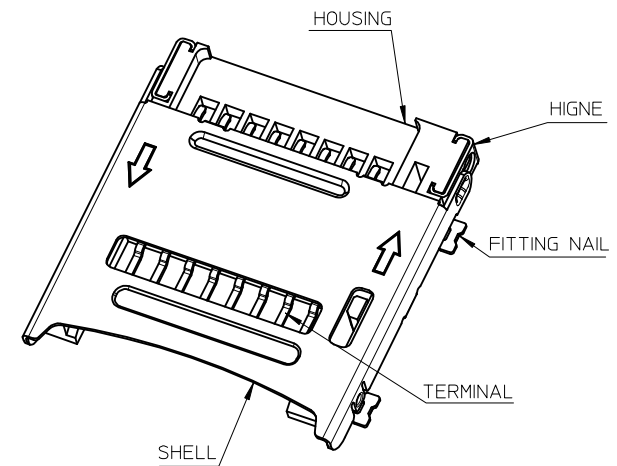
IN CASE OF STENCIL THICKNESS: 0.12MM
OPEN RATIO IS 100%.

IN CASE OF STENCIL THICKNESS : 0.1MM
OPEN RATIO IS 100% MINIMUM.

(0.08MM STENCIL THICKNESS CAN NOT BE RECOMMENDED)

P/N	Gold PLATING ON CONTACT AREA
472190001	2u" min.
472192001	20u" min.

G4	GND
G3	GND
G2	GND
G1	GND
PIN8	DAT1
PIN7	DAT0
PIN6	VSS
PIN5	CLK
PIN4	VDD
PIN3	CMD
PIN2	CD/DAT3
PIN1	DAT2
PIN NUMBER	PIN NAME



NOTES:

- MATERIAL:
 - 1-1 TERMINAL, FITTING NAIL, HIGE : COPPER ALLOY
 - 1-2 SHELL : STAINLESS STEEL
 - 1-3 HOUSING : LCP, UL 94-V0, BLACK
- FINISH:
 - 2-1 TERMINAL : OVERALL NICKEL UNDERPLATED, GOLD PLATING ON CONTACT AREA
TIN PLATING ON SOLDER TAIL
 - 2-2 FITTING NAIL : OVERALL NICKEL UNDERPLATED, TIN PLATED ON SOLDER AREA
 - 2-3 HIGE : OVERALL NICKEL PLATING
- MECHANICAL SPECIFICATION:
 - DURABILITY MATED 5,000 TIMES AND STILL MEET ELECTRICAL CHARACTERISTICS
- ELECTRICAL SPECIFICATION:
 - 4-1 RATED CURRENT (PER CONTACT) : 0.5AMPS MAX AND
TEMPERATURE RISE SHOULD BE 30°C MAX
 - 4-2 INSULATION RESISTANCE(IIR):100 MEGOHMS MIN.
 - 4-3 DIELECTRIC WITHSTANDING VOLTAGE : N/A
 - 4-4 CONTACT RESISTANCE: 100 MILLIOHMS MAX
- COMPLIANT TO RoHS DIRECTIVE 2002/95/EC
AND ELV 2000/53/EC.
- PRODUCT PACKING: PK-47219-001.
- PRODUCT SPECIFICATION: PS-47219-001.

REVISED	EC NO: SH2012-0233	2012/01/18
G	DRWN:GLL	2012/01/18
	CHKD:XQZHANG	2012/01/20
	APPR:AYIN	2012/01/20
REV	DESCRIPTION	

QUALITY SYMBOLS
$\nabla_A = 0$
$\nabla_G = 0$
$\nabla_P = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
GLL1	2012/01/18
CHECKED BY	DATE
XQZHANG	2012/01/18
APPROVED BY	DATE
MATERIAL NO.	
SEE TABLE	
SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS INCORPORATED AND

SCALE 5:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
TITLE TFR READER HINGE TYPE			
molex MOLEX INCORPORATED			
DOCUMENT NO. SD-47219-001			SHEET NO. 1 OF 1
AINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			