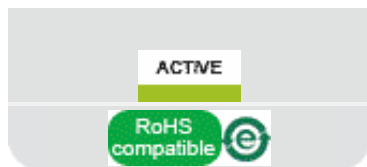
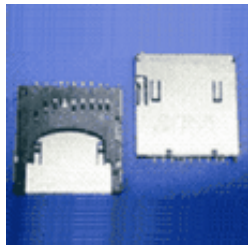


10067847-001RLF - SD : SD card reader Push - Push Type

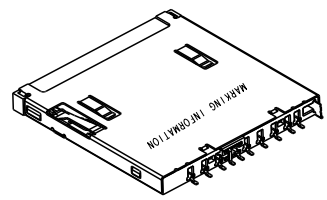
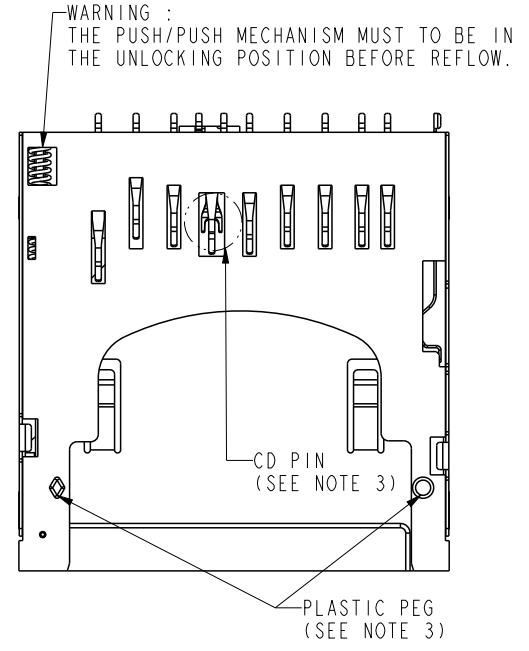
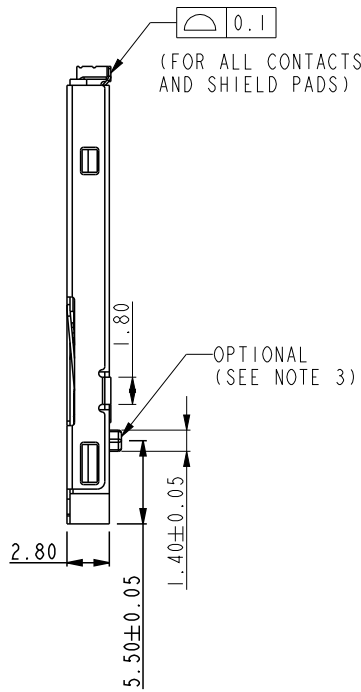
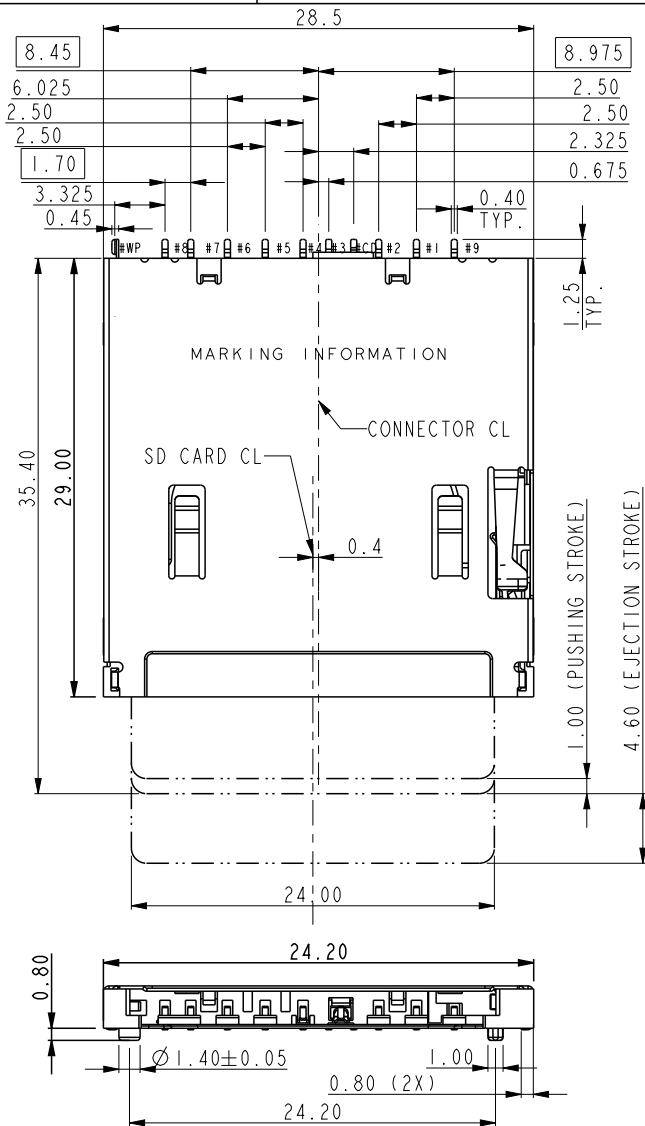


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Specifications

General	
Cover	Yes
Number of contacts	11
Output Type	Surface Mount
Positioning	Pegs
Sensor Type	With
Technology	Push - Push
Dimensional	
Thickness (mm)	2.8 mm (0.11 in.)
Electrical	
Current rating	0.5A / Pin
Resistance (Contact)	100 milli ohms max.
Resistance (Insulation)	1000 M-ohms min.
Voltage rating	17V AC/DC
Mechanical	
Durability (Mating cycles)	12K Cycles
Insertion force	12N max.
Withdrawal Force	8N min.
Contact force	0.2 to 0.4N
Physical	
Material (Contact)	Copper Alloy
Material (Housing)	LCP E471i
Plating (Contact)	50u" Au over Ni
Plating (Solder tail)	Matte Tin
Plating (Pin)	Gold over Nickel
Temperature (Range)	-40°C to +105°C
Other Features	
Most Popular Configuration	Yes
Packaging (Type)	Tape and Reel

PRODUCT NO.
10067847-0XXXXLF



rev	ecn no	dr	date
A	DG08-0034	JC	02-04-08
B	DG08-0190	BL	09-03-08
C	DG08-0289	BL	10-29-08
D	DG09-0050	BL	02-25-09
E	DG09-0158	BL	05-18-09
F	DG09-0258	BL	10-19-09
G	ELX-DG-012660-1	AL	2012-08-28

spec ref	RELEASED	dr	Bill Lin	2008/09/28	projection	MM	size	A4	scale	1.000	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2012/08/28			ecn no	ELX-DG-012660-1			
ASME Y14.5		chr	-					rel level	Released		
surface	<input checked="" type="checkbox"/> linear	0.X	±0.30		title	ASSEMBLY	dwg no	10067847			rev
		0.XX	±0.20								
		0.XXX	±0.10								
	angular	0°	±2°	www.fci.com	cat. no.	10067847	Product - Customer Drw			sheet 1 of 3	



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1

2

3

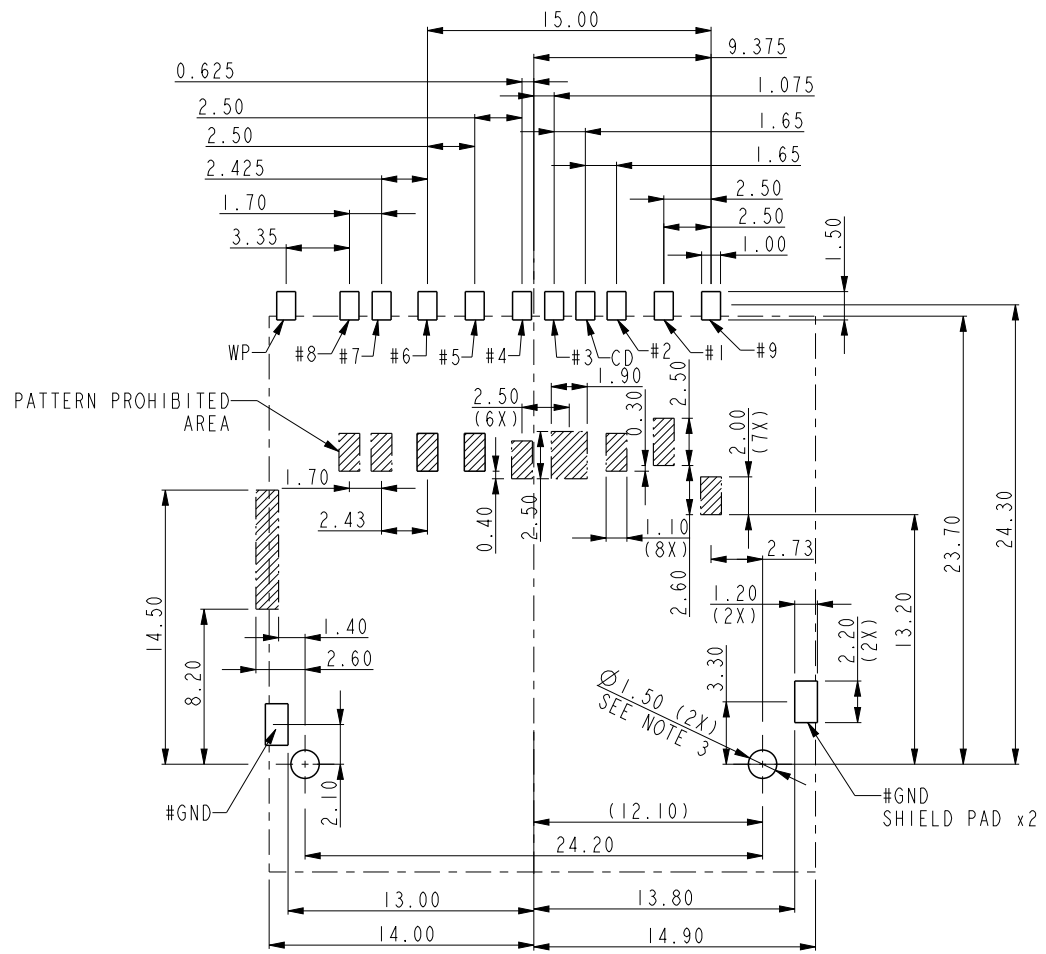
4

A

B

C

D



RECOMMENDED PCB LAYOUT
(FOR 10067847-0XXXLF)



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dr	Bill Lin	2008/09/28	projection 	MM 	size	A4	scale	1.000
eng	Andy Lu	2012/08/28			ecn no	ELX-DG-012660-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/09/05	product family	SD	rev	G		
		title	ASSEMBLY SD CARD READER		dwg no	10067847		
www.fci.com	cat. no.	10067847	Product - Customer Drw		sheet 2 of 3			

ProjE File - REV C - 2009-06-09

2

3

PDS: Rev :G

STATUS:Released


Printed: Sep 05, 2012

NOTES:

- 1. MATERIAL
HOUSING : HIGH TEMPERATURE THERMOPLASTIC RESIN.
CONTACT : COPPER ALLOY
SHIELD : STAINLESS.
- 2 PLATING:
CONTACT : 50u" NICKEL UNDERPLATED ALL OVER.
100u" MATTE TIN ON SOLDER TAIL AREA.
GOLD PLATED ON CONTACT AREA (SEE CONTACT PLATING IN NOTE 3).

3. PART NUMBER DESCRIPTION:

10067847-X X X X X

- LF: LEAD FREE
- R : TAPE & REEL
- T : TRAY PACKAGING 
- CONTACT PLATING :
 - 1: 50u" Au OVER Ni
 - 0: WITH PLASTIC PEG
 - 1: WITHOUT PLASTIC PEG
 - 0: CD PIN LAST MATE FIRST BREAK

PIN ASSIGNMENT

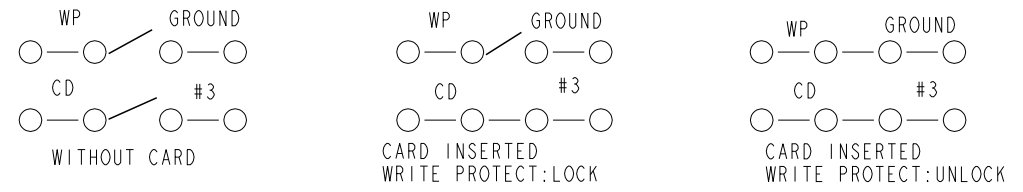
NO.	DESCRIPTION
#1	CD/DAT3
#2	CMD
#3	VSS
#4	VDD
#5	CLK
#6	VSS
#7	DAT0
#8	DAT1
#9	DAT2
#CD	CARD DETECTION
#WP	WRITE PROTECT
#GND	GROUND

4 MARKING INFORMATION

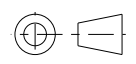
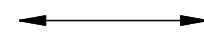

PXXXXXXXXXX

- V2: UD321 LUBRICANT
- V3: UD321 LUBRICANT WITH ENGINEERING CHANGE BASED ON PCN09116.
- PRODUCTION LINE CODE
- DATE CODE THROUGH 01 TO 31
- WEEK NUMBER 01 THROUGH 53
- YEAR CODE:
MOST RIGHT OF DIGIT OF PRODUCTION.
(e.g. 2008=8)
- MANUFACTURE SITE; 2 FOR DONGGUAN
SOURCE; P FOR CHINA

CIRCUIT :



Copyright FCI.

dr	Bill Lin	2008/09/28	projection 	MM 	size	A4	scale	1.000
eng	Andy Lu	2012/08/28			ecn no	ELX-DG-012660-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/09/05	product family	SD	rev	G		
		title	ASSEMBLY SD CARD READER		dwg no	10067847		
www.fci.com	cat. no.	10067847	Product - Customer Drw			sheet 3 of 3		