



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

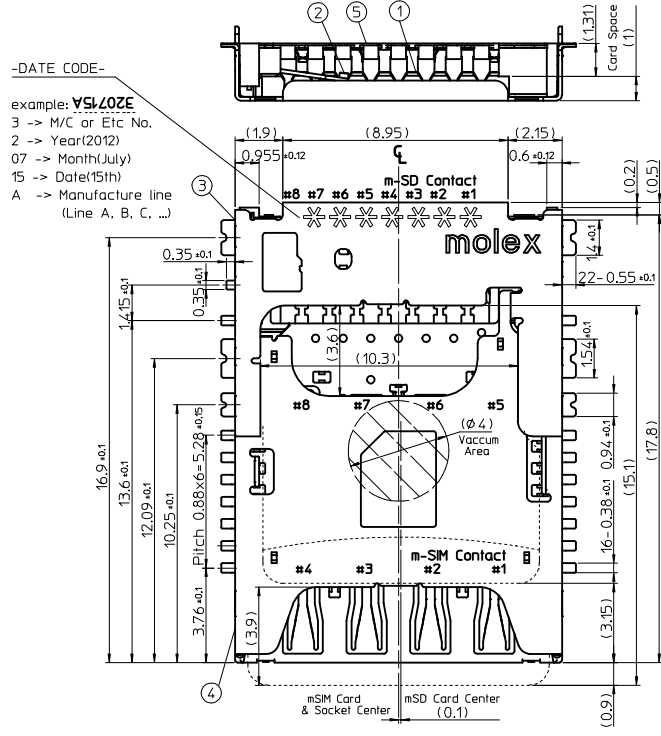
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

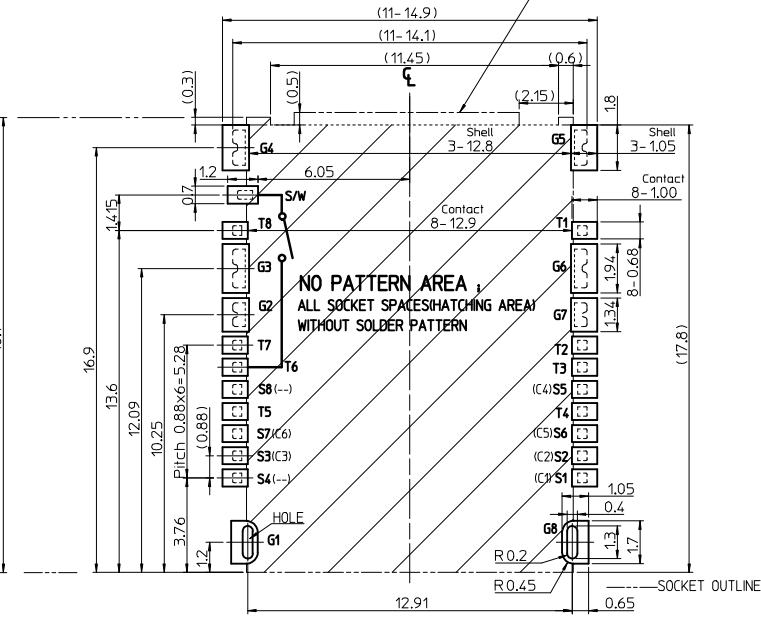


FOR LIMITED USE BY *****



-DATE CODE-
example: VSL00ZE
3 -> M/C or Etc No.
2 -> Year(2012)
07 -> Month(July)
15 -> Date(15th)
A -> Manufacture line
(Line A, B, C, ...)

11.45x0.5x1.31 = SMT SPACE FOR OTHER PARTS
(10.85x0.25x1.0 = NET SPACE WITH CLEARANCE)

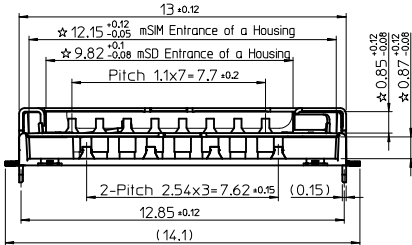


[microSIM CARD PIN-MAP]

8P	6P	DESCRIPTION
S1	C1	Vcc(Supply V)
S2	C2	RST(Reset)
S3	C3	CLK(Clock)
S4	--	Reserved
S5	C4	GND
S6	C5	Vpp(Program V)
S7	C6	I/O
S8	--	Reserved
G1-G8		GND

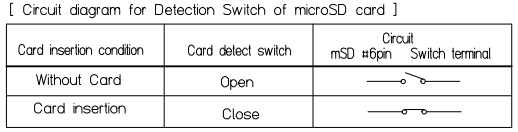
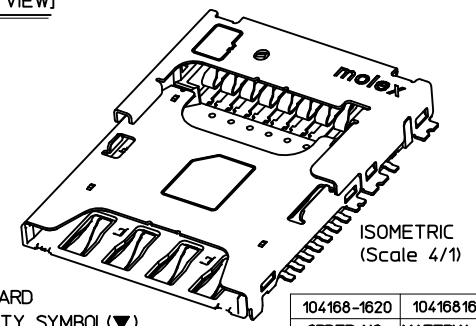
[microSD CARD PIN-MAP]

PIN NO.	DESCRIPTION
T1	DAT2
T2	CD/DAT3 ²
T3	CMD
T4	V _{DD}
T5	CLK
T6	V _{SS} (GND)
T7	DAT0
T8	DAT1
S/W	CARD DETECTOR



NOTES

- MATERIALS: SEE TABLE
- FINISHES: SEE TABLE
- MATES WITH
 - UPPER: microSD Card
 - LOWER: Micro SIM(UICC) Card
- PRODUCT SPECIFICATIONS: PS-104168-001
- PACKING SPECIFICATIONS: SPK-104168-002
- COPLANARITY OF SOLDER TAILS: 0.1mm MAX.
- REFERENCE CARD DIMENSIONS ARE WITH STANDARD DIMENSION CARD
- CUSTOMER'S CTQ DIMENSION(Φ) IS EQUAL TO MOLEX MAJOR QUALITY SYMBOL(▼)



RELEASED
EC NO: KOR2013-0041
2012/10/24
DRWN: ICYANG
2012/10/24
CHKD: SHCHU
APPR: YSKIMO2
2013/02/04

QUALITY SYMBOLS
▼ = 4
▽ = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± 0.12	± 0.005
3 PLACES	± 0.12	± 0.005
2 PLACES	± 0.12	± 0.005
1 PLACE	± 0.15	± 0.006
0 PLACE	± 0.20	± 0.008

ANGULAR ± 1 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY

SCALE: 5/1

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

DRAWN BY: ICYANG DATE: 2012/03/31
CHECKED BY: SHCHU DATE: 2012/04/12
APPROVED BY: YSKIMO2 DATE: 2013/02/04

MATERIAL NO. SEE TABLE

SIZE: A3

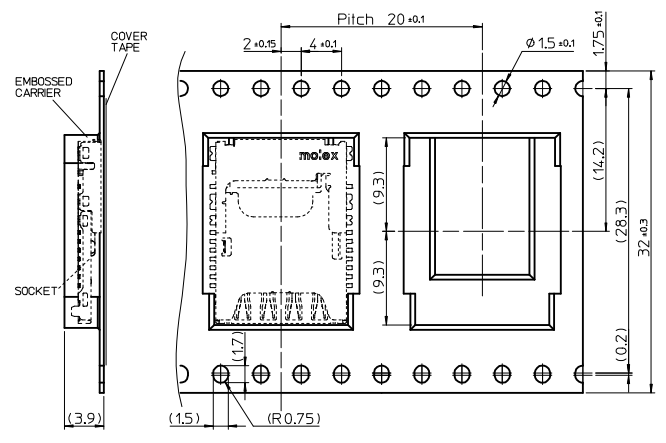
104168-1620 1041681620
ORDER NO. MATERIAL NO.

COMBO 2.28H PUSH-PULL
MICROSD/MICROSIM 8P/8P
WITH DETECT SWITCH

molex

DOCUMENT NO. SD-104168-001 SHEET NO. 1 OF 3

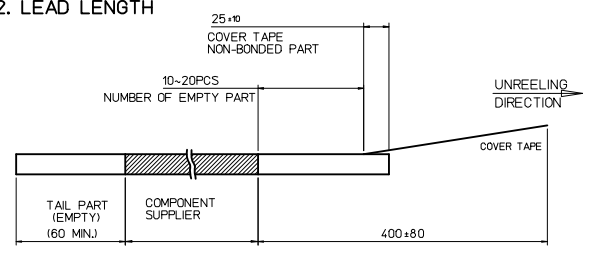
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



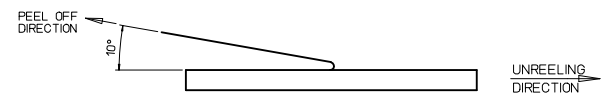
TOP VIEW OF EMBOSSER CARRIER

NOTES

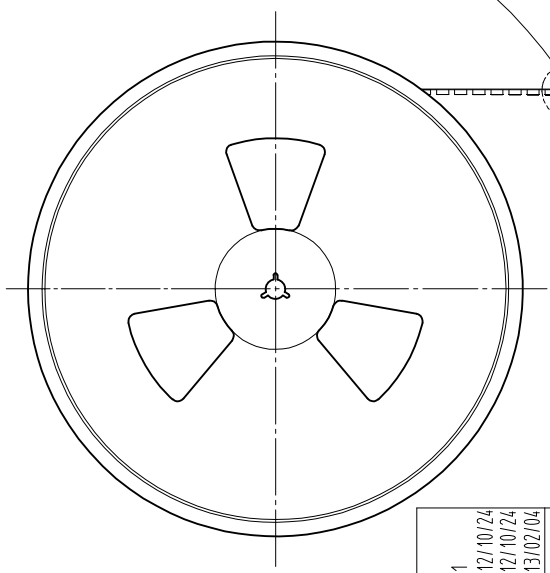
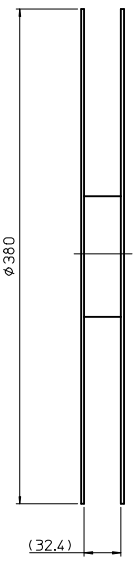
- 1. QUANTITY OF PRODUCTS : 1,200 PCS / 1 REEL
- 2. LEAD LENGTH



- 3. PEELING OFF FORCE OF COVER TAPE : 0.1N~0.59N(10.2~60gf)
(PEELING DIRECTION AS BELOW)
- PEELING OFF SPEED : 300mm/Min.(Ref.)

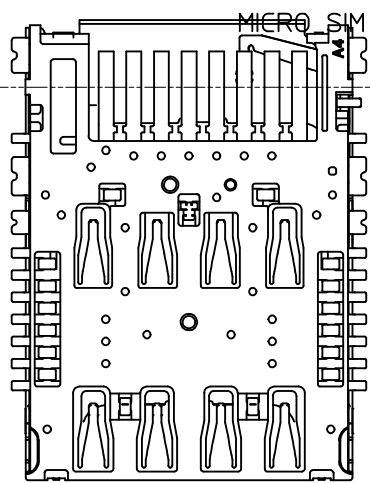
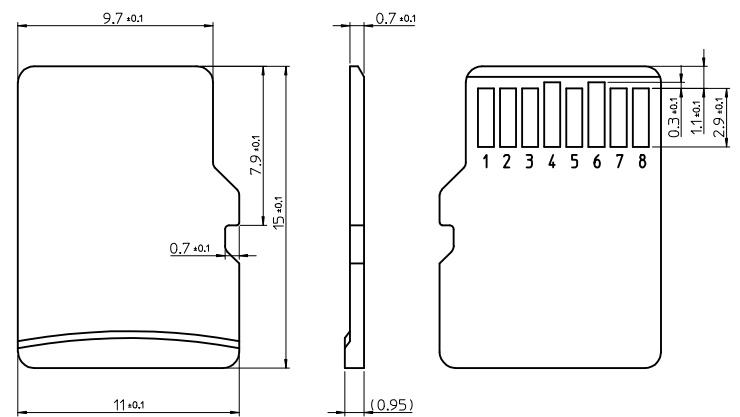
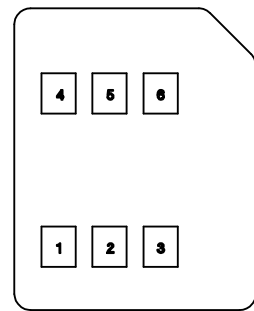
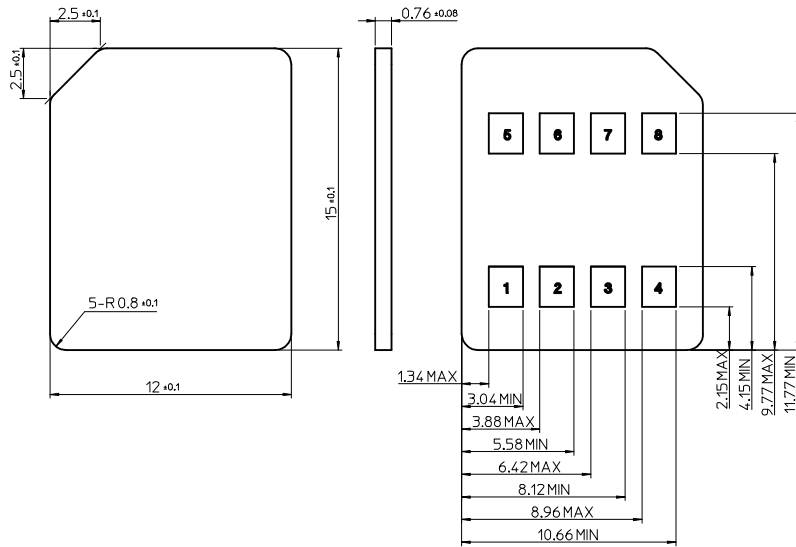


- 4. MATERIALS OF EMBOSSER CARRIER AND COVER TAPE : PET(POLYETHYLEN TEREPHTHALATE)



SEE SHEET1	EC NO: KOR2013-0041	2012/10/24	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	DRWN: ICYANG	2012/10/24			mm	INCH	2/1	METRIC			
	CHKD: SHCHU	2012/10/24			DRAWN BY DATE		TITLE				
	APPR: YSKIM02	2013/02/04			ICYANG 2012/03/31	COMBO 2.28H PUSH-PULL MICROSD/MICROSIM 8P/8P WITH DETECT SWITCH					
				▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE	APPROVED BY DATE		molex		
			▽=0	3 PLACES ± 0.12 ± ---	SHCHU 2012/04/12	YSKIM02 2013/02/04					
					2 PLACES ± 0.12 ± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					1 PLACE ± 0.15 ± ---	SEE SHEET1		SD-104168-001		2 OF 3	
					0 PLACE ± --- ± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
					ANGULAR ± 1 °						
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

REFERENCE DRAWING



MICRO SIM SPECIFICATION

MICRO SIM 6P

microSD CARD

[Reference Standards]
 -. microSD Card Addendum Version 3.0 Draft 0.8
 -. ETSI TS 102 221 V9.1.0, Smart Cards, UICC-Terminal interface, Physical and logical characteristics

SEE SHEET1 EC NO: KOR2013-0041 DRWN: ICYANG 2012/10/24 CHKD: SHCHU 2012/10/24 APPR: YSKIM02 2013/02/04	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4/1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY ICYANG	DATE 2012/03/31	TITLE COMBO 2.28H PUSH-PULL MICROSD/MICROSIM 8P/8P WITH DETECT SWITCH
		4 PLACES	± ---	± ---	CHECKED BY SHCHU	DATE 2012/04/12	molex
		3 PLACES	± 0.12	± ---	APPROVED BY YSKIM02	DATE 2013/02/04	
2 PLACES	± 0.12	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
1 PLACE	± 0.15	± ---	ANGULAR ± 1 °		SEE SHEET1	SD-104168-001	3 OF 3
0 PLACE	± ---	± ---	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		