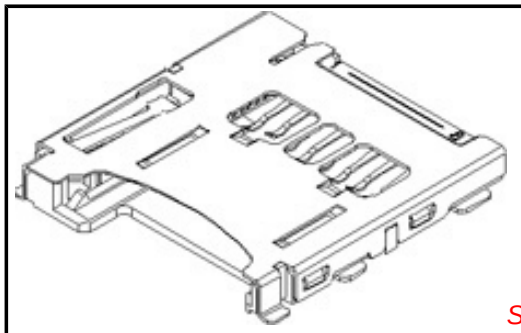
This document was generated on 04/15/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0492250821

Status: Active

Description: 1.10mm (.043") Pitch TransFlash Memory Card Connector, Reverse Type, With Detect Switch, Push-Push, Black Color Housing



Series image - Reference only

Documents:

3D Model
Packaging Specification (PDF)
Drawing (PDF)
Product Specification PS-49225-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Memory Card Sockets
Series	49225
Button Type	Push-Push
Component Type	Header & Ejector (Host)
Product Name	TransFlash
Type	N/A

Physical

Card Detection Switch	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	7,000
Ejector Button Side	Left
Entry Angle	90° Angle (Side Entry)
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Resin	High Temperature Thermoplastic
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.043 In
Pitch - Mating Interface (mm)	1.10 mm
Pitch - Term. Interface (in)	0.043 In
Pitch - Term. Interface (mm)	1.10 mm
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +85°C

Electrical

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	100V

Material Info

Reference - Drawing Numbers

Product Specification	PS-49225-001, RPS-49225-001
Sales Drawing	SD-49225-201

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

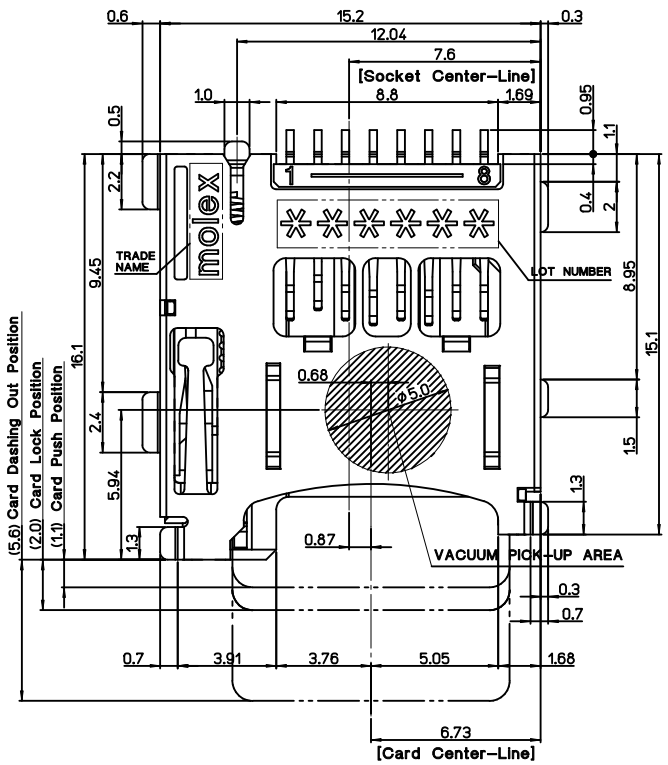
Please visit the Contact Us section for any non-product compliance questions.

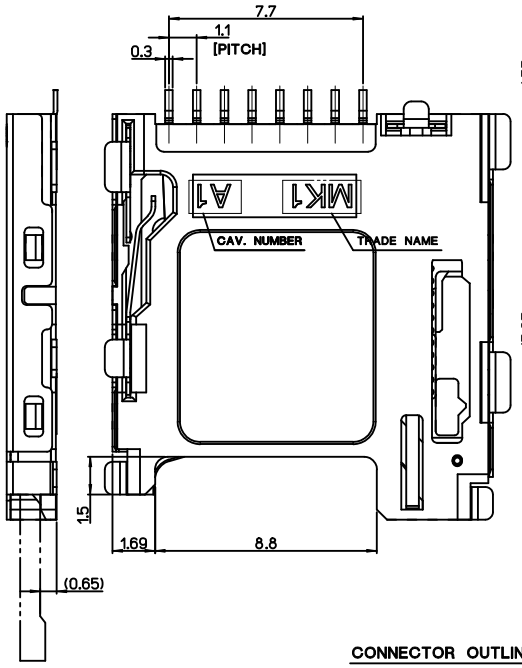
Search Parts in this Series
49225Series

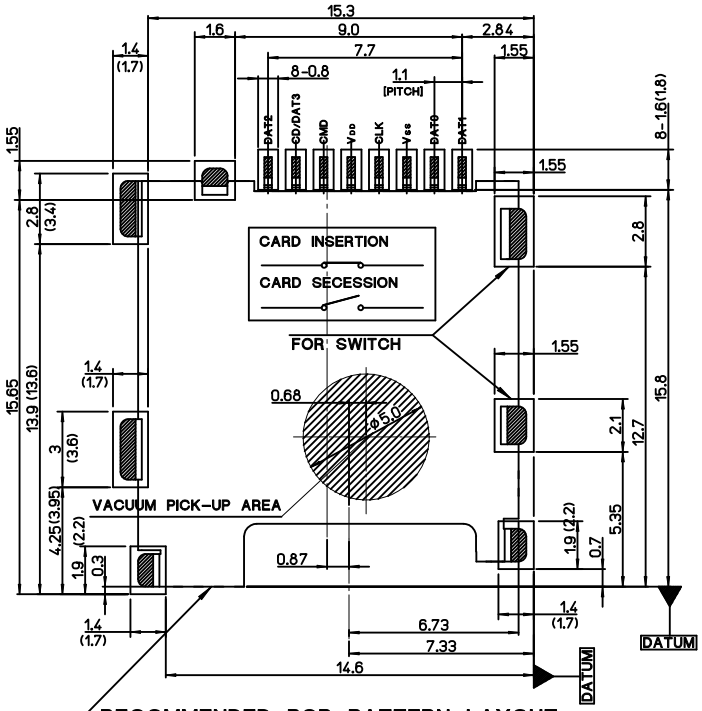
Use With
TransFlash card

This document was generated on 04/15/2010

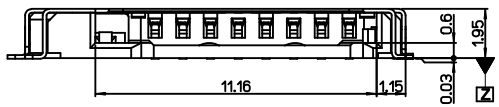
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

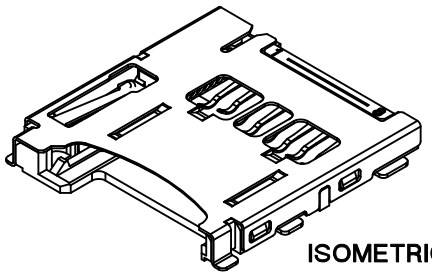






* Normal DIM. : Limited
* (DIM.) : Recommend





ISOMETRIC VIEW

NOTES

1. MATERIALS: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION : PS-49225-001
4. COPLANARITY OF SOLDERTAILS : 0.1mm MAX.
   MISALIGNMENT OF SOLDER TAIL FROM "Z"
   UPPER DIRECTION 0.05 MAX., LOWER DIRECTION 0.1MAX.
5. PACKAGING SPECIFICATION : PK-49225-201

This connector has been tested for compatibility with both TransFlash and microSD cards, however, as this standard is in transition some specifications from different card makers may differ. Please contact Molex Korea before any design-in to discuss card compatibility issues

492250821	49225-0821
MATERIAL NO.	ENGINEERING NO.

REVISED
EC NO:
DRWN:SUNGHYUKJOO 2010/02/23
CH'KD:YSOOKIM
APPR:
DESCRIPTION
REV
B

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.20	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	5:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	S.H.JOO
DATE	2005/09/14
CHECKED BY	
DATE	
APPROVED BY	S.J.SEH
DATE	2005/09/14
MATERIAL NO.	SEE TABLE
SIZE	A3

TITLE: M-SD MEMORY CARD SOCKET P/P,REVERSE,WITH SWT LOW RETENTION FORCE

MOLEX INCORPORATED

DOCUMENT NO. SD-49225-201

SHEET NO. 1 OF 3

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

NO.	DESCRIPTION	ENGINEERING NO.	MATERIALS	FINISHES
9	SPRING	49225-9001	STAINLESS STEEL	
8	PIN ROD	49225-9002	STAINLESS STEEL	
7	STOPPER TERMINAL	49772-8003	PHOS.-BRONZE	PURE-Sn over Ni
6	GND. TERMINAL	49771-8003	PHOS.-BRONZE	Selective-Au over Ni
5	SWITCH TERMINAL	49770-8003	PHOS.-BRONZE	Selective-Au over Ni
4	HEART CAM	49355-0001	LIQUID CRYSTAL POLYMER	Natural Color
3	HOUSING	49225-0891	LIQUID CRYSTAL POLYMER	
2	METAL SHELL	49769-5003	STAINLESS STEEL	Selective-Au over Ni
1	CONTACT TERMINAL 1,2,3	49768-8*30	PHOS.-BRONZE	Selective-Au over Ni

REVISED
EC NO:
DRWN:SUNGHYUKJOO 2010/02/23
CH'KD:YSOOKIM
APPR:
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.20	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

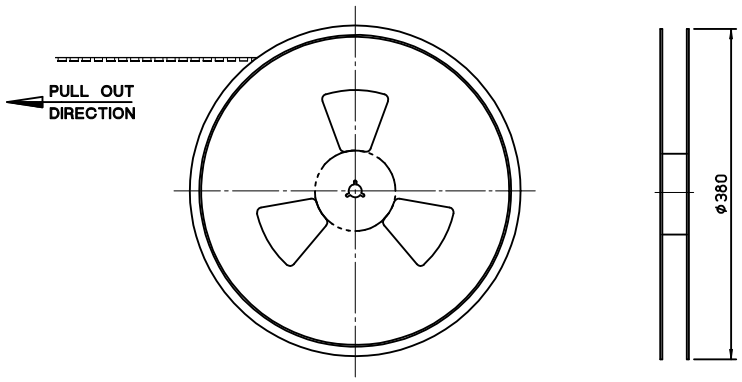
DRAWN BY: S.H.JOO DATE: 2005/09/14
CHECKED BY: DATE:
APPROVED BY: S.J.SEH DATE: 2005/09/14

TITLE: M-SD MEMORY CARD SOCKET P/P,REVERSE,WITH SWT LOW RETENTION FORCE

MOLEX INCORPORATED

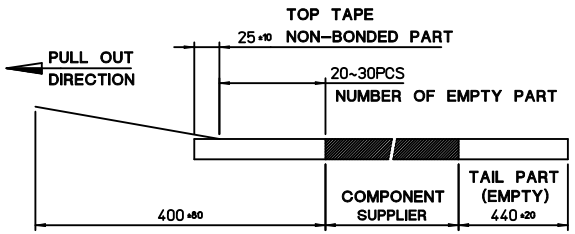
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-49225-201
SHEET NO.: 2 OF 3
SIZE: A3

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



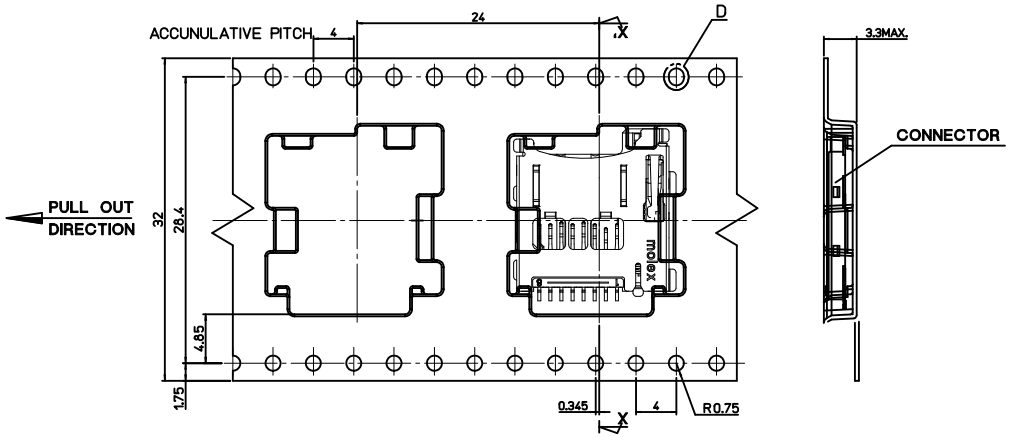
NOTES

1. QUANTITY OF CONNECTORS : 1,100PCS/REEL
2. LEAD LENGTH



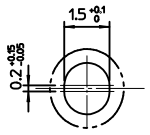
3. PEELING OFF FORCE OF COVER TAPE : 0.1N~0.59N(10.2GF~60GF)
   (PEELING DIRECTION AS SHOW IN FOLLOW FIG.)
   – PEELING OFF SPEED : 300mm/Min.(Ref.)





DIRECTION OF CONNECTOR IN EMBOSSED TAPE

35902-1011	35908-1003	35902-2108	49225-0811	492250817	49225-0817	8
COVER TAPE	REEL	EMBOSSED TAPE	CONNECTOR	MATERIAL NO.	ENG. NO.	CKT



DETAIL D

REVISED
EC NO:
DRWN:SUNGHYUKJOO 2010/02/23
CH'KD:YSOOKIM
APPR:
DESCRIPTION
REV
B

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.20	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: S.H.JOO DATE: 2005/09/14
CHECKED BY: DATE:
APPROVED BY: S.J.SEH DATE: 2005/09/14

TITLE: M-SD MEMORY CARD SOCKET P/P,REVERSE,WITH SWT LOW RETENTION FORCE

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-49225-201
SHEET NO.: 3 OF 3
SIZE: A3

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

NO.	DESCRIPTION	ENGINEERING NO.	MATERIALS	FINISHES
(9)	SPRING	49225-9001	STAINLESS STEEL	
(8)	PIN ROD	49225-9002	STAINLESS STEEL	
(7)	STOPPER TERMINAL	49772-8003	PHOS.-BRONZE	PURE-Sn over Ni
(6)	GND. TERMINAL	49771-8003	PHOS.-BRONZE	Selective-Au over Ni
(5)	SWITCH TERMINAL	49770-8003	PHOS.-BRONZE	Selective-Au over Ni
(4)	HEART CAM	49355-0001	LIQUID CRYSTAL POLYMER	Natural Color
(3)	HOUSING	49225-0891	LIQUID CRYSTAL POLYMER	
(2)	METAL SHELL	49769-5003	STAINLESS STEEL	Selective-Au over Ni
(1)	CONTACT TERMINAL 1,2,3	49768-8*30	PHOS.-BRONZE	Selective-Au over Ni

DWG. NO. SD-49225-201
SIMILAR ITEM
PROJECT NO. V
C
B
DO NOT SCALE DRAWING
DIMENSION IN METRIC

NEW RELEASE
ECN NO.KOR2007-0077
DRWN: S.H.JOO 06/12/29
CHK:
APPR: S.J.SEH
DESCRIPTION
A
REV

QUALITY SYMBOLS
MAJOR = 0
CRITICAL C = 0

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±
3 PLACES	±0.	±
2 PLACES	±0.15	±
1 PLACE	±0.2	±
ANGULAR: ±	°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 5 / 1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE S.H.JOO 05/09/14
CHECKED BY & DATE S.H.JOO
APPROVED BY & DATE S.J.SEH
CAD FILENAME SD49225002.MI

492250821 | 49225-0821
MATERIAL NO. | ENGINEERING NO.

TITLE:
microSD MEMORY CARD SOCKET
PUSH-PUSH / REVERSE TYPE / WITH SWITCH
(LOW RETENTION FORCE VERSION)

MOLEX INCORPORATED

MATERIAL NO. SEE TABLE
DRAWING NO. SD-49225-201
SHEET NO. 1 OF 2

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

SIZE B
KOREA
MX-A3