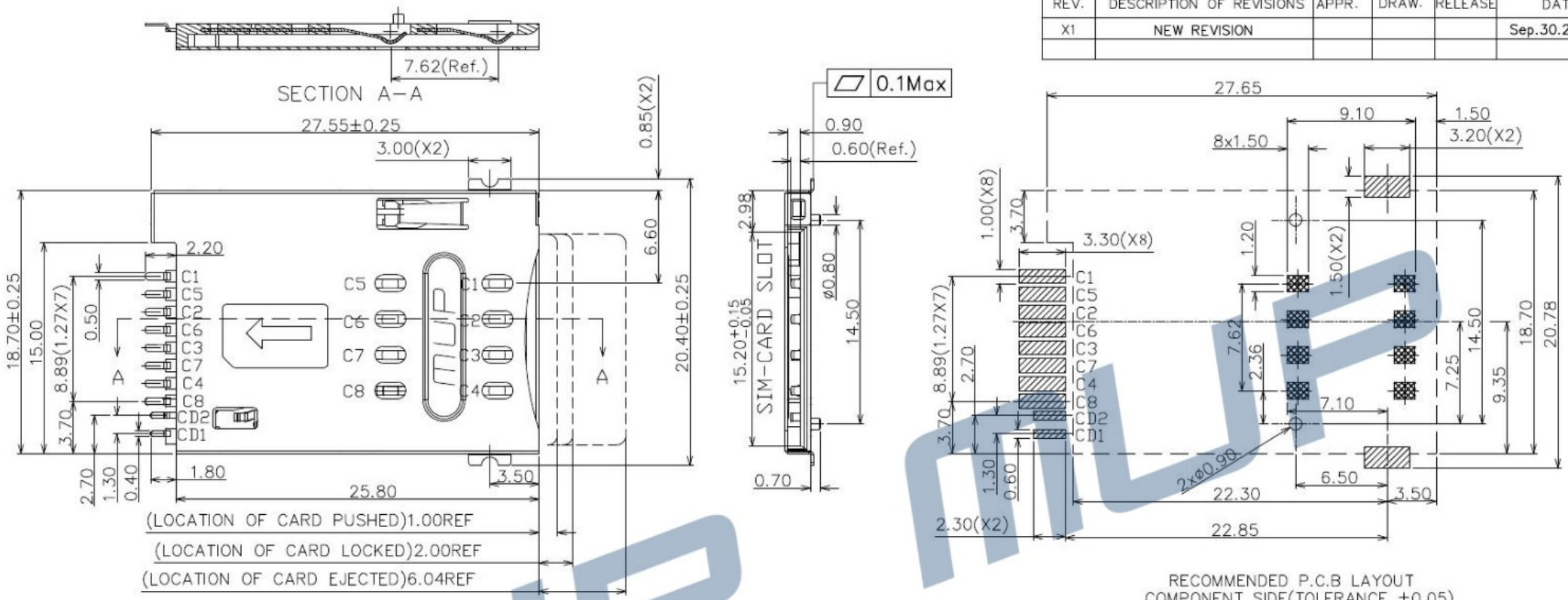
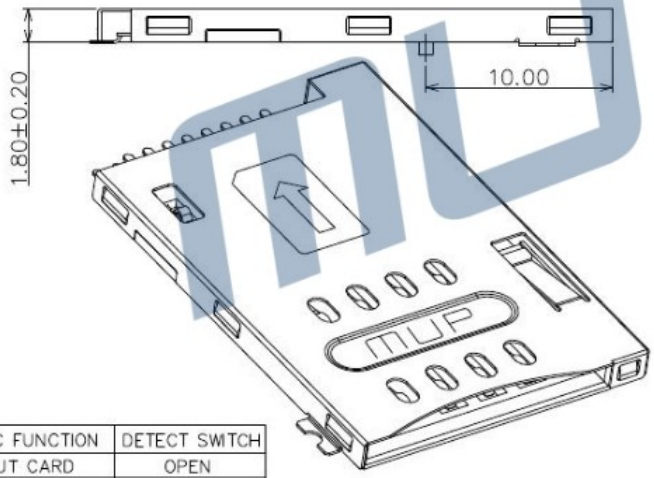
REV.	DESCRIPTION OF REVISIONS	APPR.	DRAW.	RELEASE	DATE
X1	NEW REVISION				Sep.30.2014





RECOMMENDED P.C.B LAYOUT
COMPONENT SIDE(TOLERANCE ±0.05)

PAD AREA
CONNECTOR OUTLINE
NO PATTERN AND VIA HOLE IN THIS AREA

TECHNICAL CHARACTERISTICS
1.General Characteristics
Dimensions:27.60LX18.70WX1.80H mm
Weight:Approx 1.33g
Durability:5,000 cycles min.
2.Electrical Characteristics
Contact resistance:50mΩ typical, 100mΩ max
Insulation resistance:>1000MΩ/500V DC
3.Solderability
Vapor phase:215°C,30sec.Max
IR reflow:250°C,5sec.Max
Manual soldering:370°C,3sec.Max
4.Environmental Characteristics
Operating temperature:-40°C~+85°C
Operating humidity:10%~+95%RH

ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	OPEN
CARD INSERTED	CLOSED



SWITCH OPERATION DIAGRAM

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	HOUSING	1	Hi-temp Thermoplastic	Black UL94V-0
2	SHELL	1	Stainless Steel	SMT area:Gold plated
3	DATA CONTACT	8	Copper Alloy	Contact area:Gold plated
4	HEART CAM	1	Hi-temp Thermoplastic	Black UL94V-0
5	COLL SPRING	1	SWP.	
6	CAM PIN	1	Stainless Steel	
7	CD2 SWITCH	1	Copper Alloy	Contact area:Gold plated

Unless otherwise specified, other tolerance are:

X	±0.35	X°	±5°
X.X	±0.25	X.X°	±4°
X.XX	±0.15	X.XX°	±3°
X.XXX	±0.10	X.XXX°	±2°

PROJ. | UNIT mm | SCALE 1:1

P/b RoHS PROCESS COMPLIANT

CUSTOMER DRAWING

MUP® MUP INDUSTRIAL CO.,LTD.

NAME:	SIM Card Connector
MODEL NO:	MUP-C720-22
TYPE :	with post /8pin / Normally open
DRAWN	Henry Ou.09.2014
CHECKED	Henry Ou.09.2014
APPROVAL	Simon 09.2014
DWG NO. :	DWG-MUP-C720-22
SHEET	1/1
REVISION	X1