

REV.	DESCRIPTION	DRAWN	DATE
3	Add Logo	Willis	2013/07/28
4	Revised dimensions & frame	FROS	2015/08/04
5	Add date code	FROS	2016/08/09

**SPECIFICATION:**

1. CURRENT RATING: 0.5A MAX.
2. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC R.M.S. FOR ONE MINUTE
3. INSULATION RESISTANCE: 1000MΩ MIN. AT 500V DC
4. CONTACT RESISTANCE: 30mΩ MAX.
5. OPERATION TEMPERATURE: -40°C TO +85°C

PIN NO.	NAME	TYPE <sup>1</sup>	DESCRIPTION
1	DAT2	I/O/PP	Data Line [bit2]
2	CD/DAT3	I/O/PP	Card Detect Data Line [bit3]
3	CMD	PP	Command Response
4	VDD	S	Supply Voltage
5	CLK	I	Clock
6	VSS	S	Supply Voltage Ground
7	DAT0	I/O/PP	Data Line [bit0]
8	DAT1 <sup>2</sup>	I/O/PP	Data Line [bit1]

**112C-TBAR-R02**

- T= Top Mount
- B= 10u" Gold Plating
- A= 0mm Stand Off
- R= RoHS

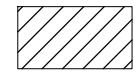
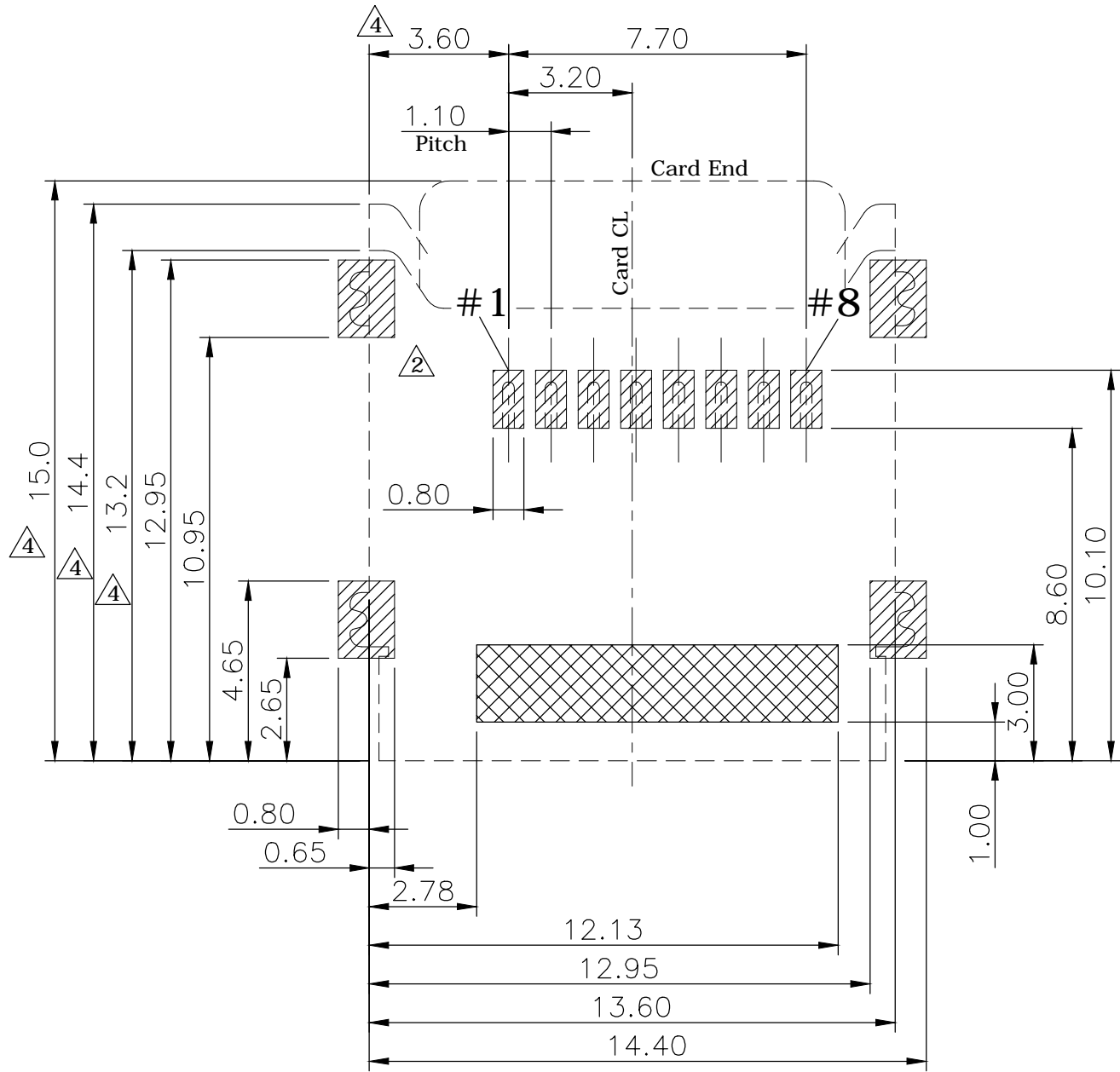
4	SHELL	STAINLESS STEEL 0.2T
3	FORK	STAINLESS STEEL 0.2T, TIN PLATED
2	TERMINAL	COPPER ALLOY 0.15T, 10u" GOLD PLATED
1	HOUSING	HI-TEMP PLASTIC, UL94V-0, BLACK
NO.	PART NAME	DESCRIPTION

UNLESS OTHERWISE SPECIFIED TOLERANCE

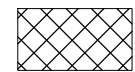
UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

DRAWN	Willis	2009/01/06	Micro SD Socket Hinge Type	
CHECKED	Angel	2009/01/06		
APPROVED	Ken	2009/01/06		
PRODUCT NO.		112C-TBAR-R02		
SCALE		SHEET	SIZE	FILE NAME
4/1		1/2	A4	112C-TBAR-R02_B_5

REV.	DESCRIPTION	DRAWN	DATE
	see sheet one		



PAD



Board Routing Keep Out

--- Connector Location

RECOMMENDED PCB LAYOUT (TOP VIEW)  
GENERAL TOLERANCES : ±0.05mm

UNLESS OTHERWISE SPECIFIED TOLERANCE				
UNIT:	DECIMAL	LINEAR	ANGLES	
mm	X.	±0.50	±5°	
	X.X	±0.25	±3°	
	X.XX	±0.12	±1°	
DRAWN	Willis	2009/01/06	Micro SD Socket Hinge Type	
CHECKED	Angel	2009/01/06		
APPROVED	Ken	2009/01/06	PRODUCT NO. 112C-TBAR-R02	
	SCALE 6/1	SHEET 2/2	SIZE A4	FILE NAME 112C-TBAR-R02_B_5