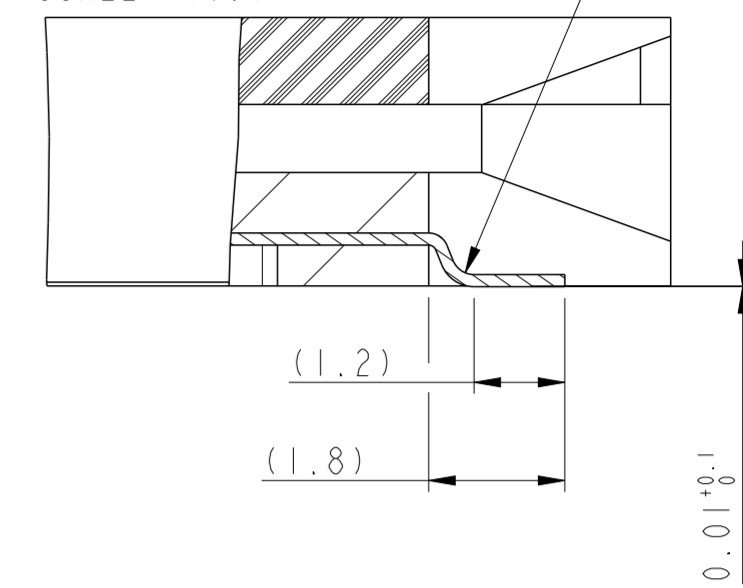
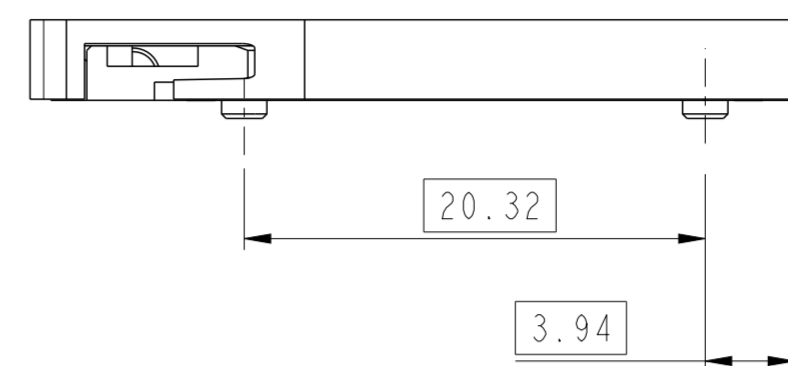
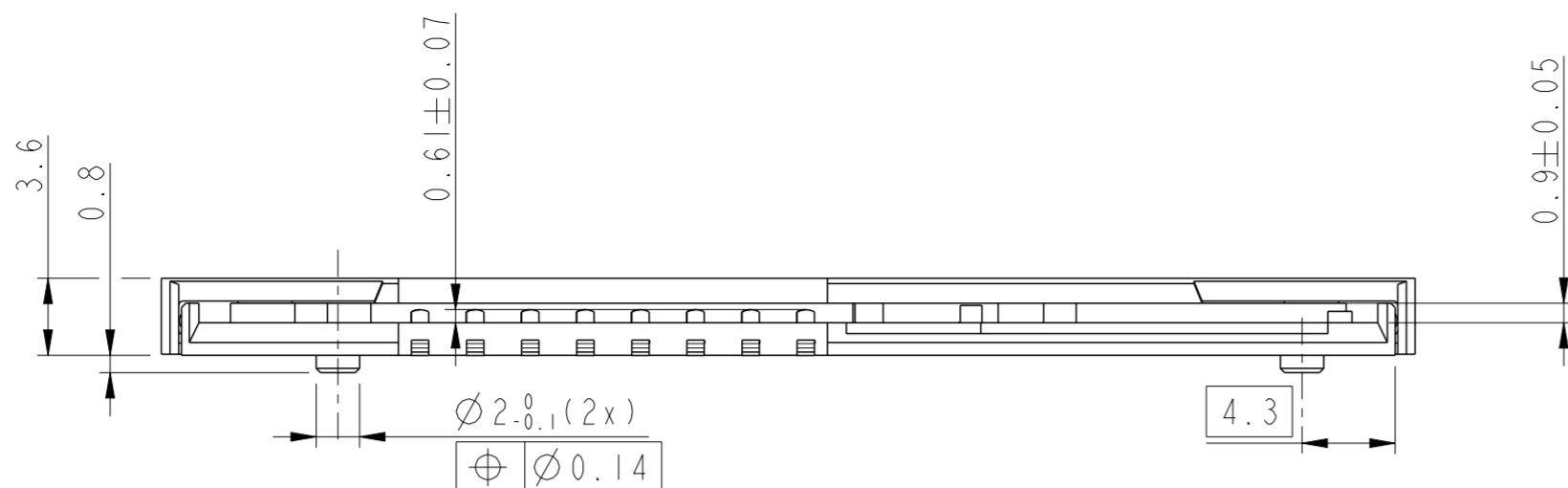


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SECTION A-A
SCALE 10:1



DESCRIPTION
Connector especially designed for SMT technology
EMV compatible and in accordance with ISO 7816-2

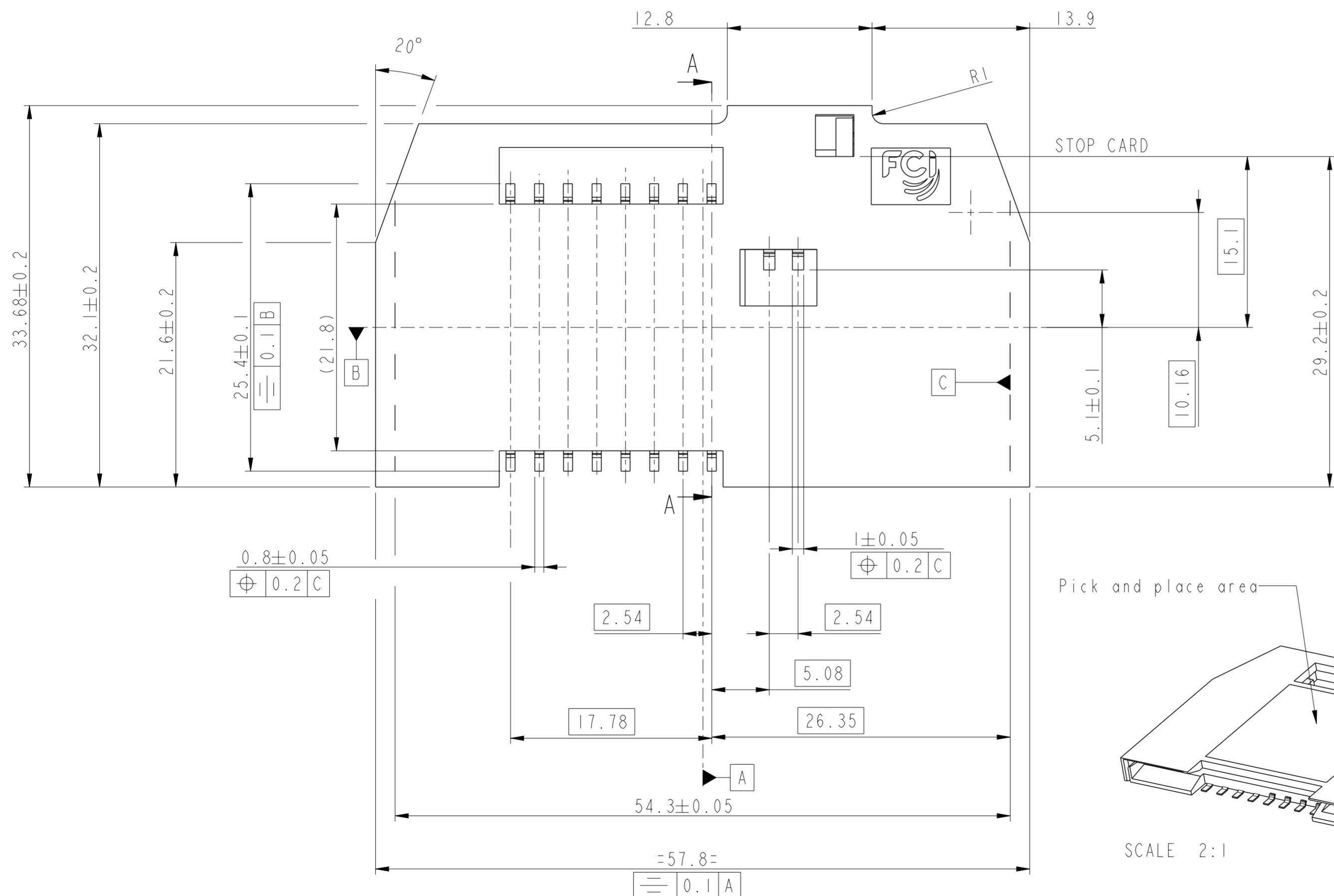
MECHANICAL
Contacts force : between 0.2N-0.5N
Durability : 100000 cycles
Insertion force : 10N max
Extraction force : 3N min

ELECTRICAL
Insulation resistance : 1000MΩ
Dielectric withstand voltage between card contacts and detection switch : 1000 Vrms
contact resistance:100 miliohms
Current carrying : min 10 microA max 1A

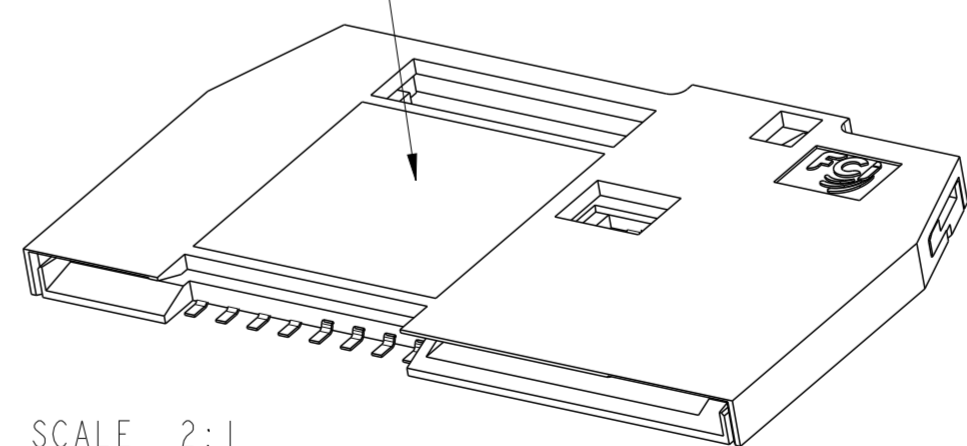
SWITCH
Contact closed : contact resistance 100mΩ
Open contact : voltage proof 300Vms

MATERIAL
Contacts : copper alloy
Plating : Gold / Equivalent PdNi over Nickel on contact area
Solder falls : Sn bare edge allowed
Housing : self extinguishing, Thermoplastic
UL94-V0 rated

ENVIRONMENT
Storage temperature : -40°C, +85°C
Operating temperature : -20°C, +70°C
Packaging : Tray
Compatible reflow soldering process



Pick and place area



SCALE 2:1

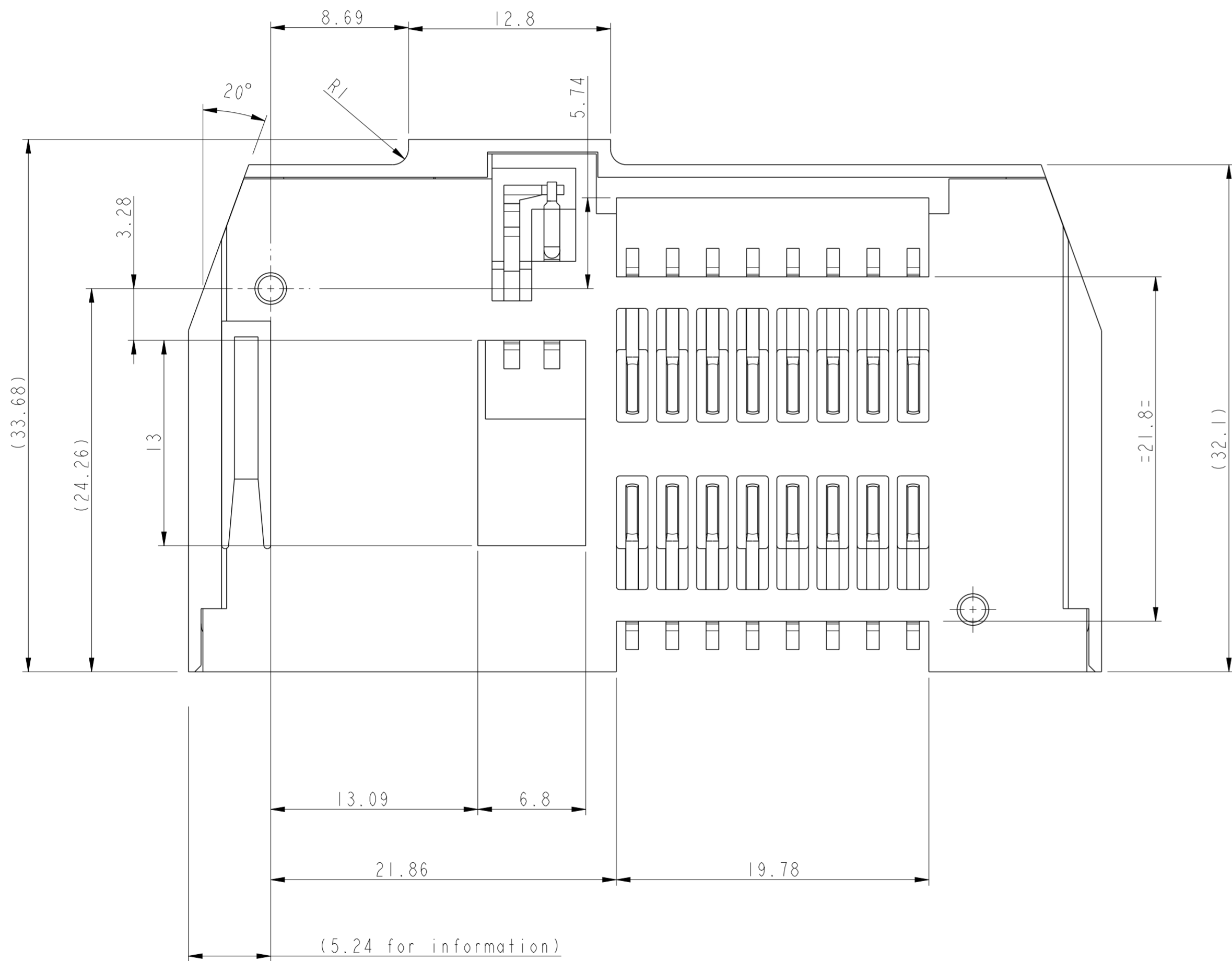
www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm	
		TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	LEGRAND	1996/08/26	ANGULAR	0.X	±0.3	size	A2	Scale	
Eng	TISSERAND	1996/08/26	LINEAR	0.XX	±0.1			3:1	
Chr	RAMESH P K	2007/02/26	0° ±2°	0.XXX	±0.05	ECN	109-0239		
Appr	SUDHIR V	2007/02/26	Product family		MOBILE I/O	Spec ref	--		
FCJ CHIP CARD CONNECTOR TYPE : P02 (16cts with cover)							kg no	VJW53665	
catalog no							7312P0235A13	CUSTOMER	sheet 1 of 2

lfr	ecn no	dr	date
A	LS2030	PRI	2002/04/26
B	--	--	--
C	LS05-0047	LGO	2005/06/08
D	LS05-0059	HLE	2005/06/30
E	LS06-0208	HLE	2006/12/12
F	108-0035	RPK	2008/03/07
G	109-0239	RPK	2009/10/30

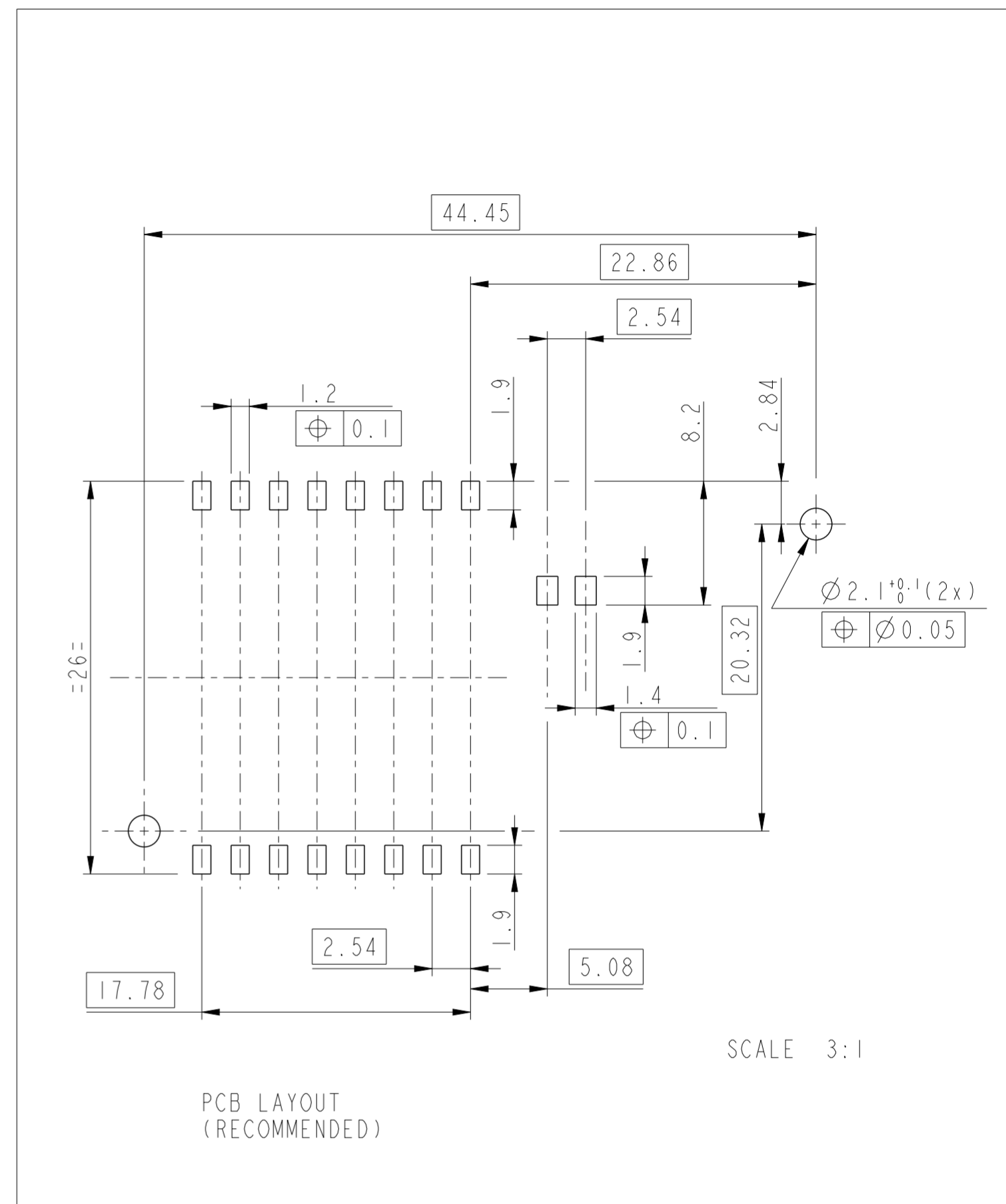
Copyright FCI.

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LAYOUT FOR KEEP OUT ZONE
(CONNECTOR SIDE)



PCB LAYOUT
(RECOMMENDED)

SCALE 3:1

NOTE: RoHS INFORMATIONS

- The "LF" products meet European Union Directives and other country regulations as described in GS-22-008.
- The housing will withstand exposure to 260°C peak temperature for 30 seconds in a convection, infra-red or vapor reflow oven. See Application notes/procedures, if they are available.
- Packaging spec: see GS-14-920

www.fciconnect.com		surface -- ✓	tolerance std ISO 1302	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED				⊕	↔
Dr	LEGRAND	1996/08/26	ANGULAR	0.X	±0.3	size	Scale
Eng	TISSERAND	1996/08/26	LINEAR	0.XX	±0.1	A2	4:1
Chr	RAMESH P K	2007/02/26	0° ±2°	0.XXX	±0.05	ECN	109-0239
Appr	SUDHIR V	2007/02/26	Product family	MOBILE I/O	Spec ref	--	--
FCJ		TITLE		CHIP CARD CONNECTOR		Rev.	
		TYPE		P02 (16cts with cover)		VJW53665	
		catalog no		7312P0235A13		CUSTOMER sheet 2 of 2	