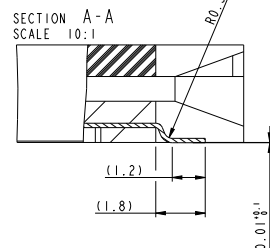
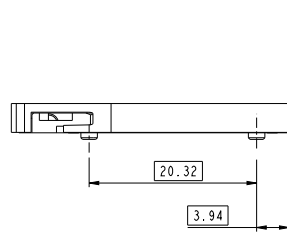
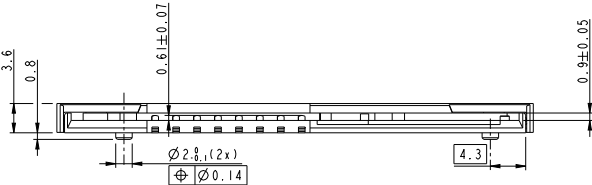


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DESCRIPTION
Connector especially designed for SMT technology
EMV compatible and in accordance with ISO 7816-2

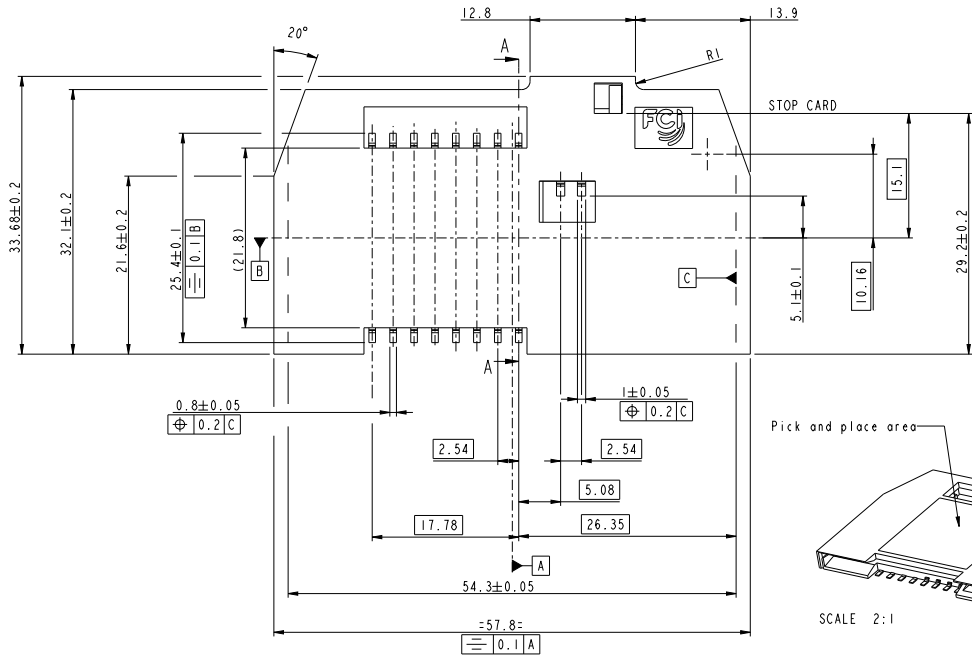
MECHANICAL
Contacts force : between 0.2N-0.5N
Durability : 100000 cycles
Insertion force : 10N max
Extraction force : 3N min

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

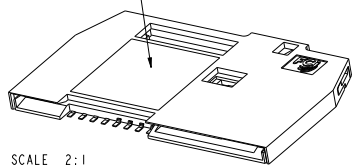
SWITCH
Contact closed : contact resistance 100mΩms
Open contact : voltage proof 300Vms

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

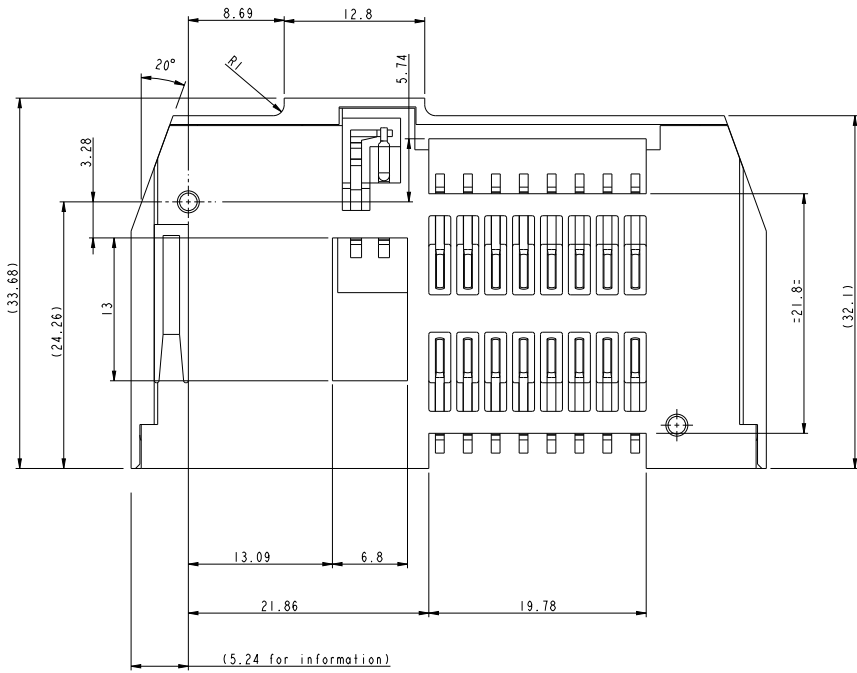


SCALE 2:1

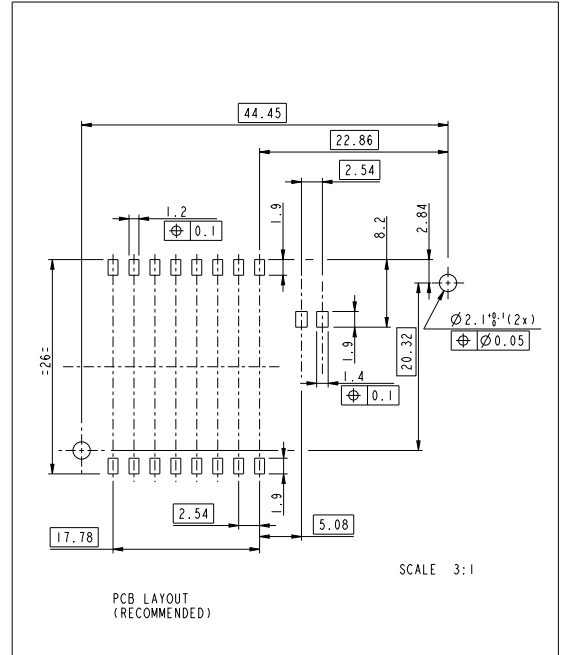
www.fciconnect.com		surface	150 1302	tolerance std	150 406	150 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED			0.x	±0.3	size	A2
		ANGULAR	LINEAR	0.xx	±0.1	ECN	109-0239	Scale 3:1
		0.xxx	±0.05	ECN	109-0239	Product family	MOBILE I/O	Spec ref
tit	ech no	dr	date	Dr	LEGRAND	1996/08/26		
A	LS2030	Pr	2002/04/26	Eng	TISSERAND	1996/08/26		
B				Chr	RAMESH P K	2007/02/26	0°	±2°
C	LS05-0047	LGO	2005/06/06	Appr	SUDHIR V	2007/02/26		
D	LS05-0058	HLE	2005/06/30					
E	LS06-0204	HLE	2006/12/12					
F	108-0035	BPX	2008/03/07					
G	109-0239	BPX	2009/10/30					
				FCJ		CHIP CARD CONNECTOR		2
				TYPE : P02 (16cls with cover)		CUSTOMER		VJW53665
				catalogue no		7312P0235A13		Rev. F
				PDM: Rev:G		STATUS: Released		8
								Printed: Jan 29, 2010

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LAYOUT FOR KEEP OUT ZONE
(CONNECTOR SIDE)



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, infrared or vapor reflow oven. See Application notes/procedures, if they are available.
- Packaging spec: see GS-14-920

www.fciconnect.com		surface	150 1302	tolerance std	150 406	150 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.xxx	±0.1	ECN	109-0239	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	--		
FCI		CHIP CARD CONNECTOR		2	VJW53665		Rev.	F
TYPE : P02 (16cls with cover)		7312P0235A13		CUSTOMER	sheet 2 of 2			
catalog no		7312P0235A13		PDM: Rev:G		STATUS Released		Printed: Jan 29, 2010

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