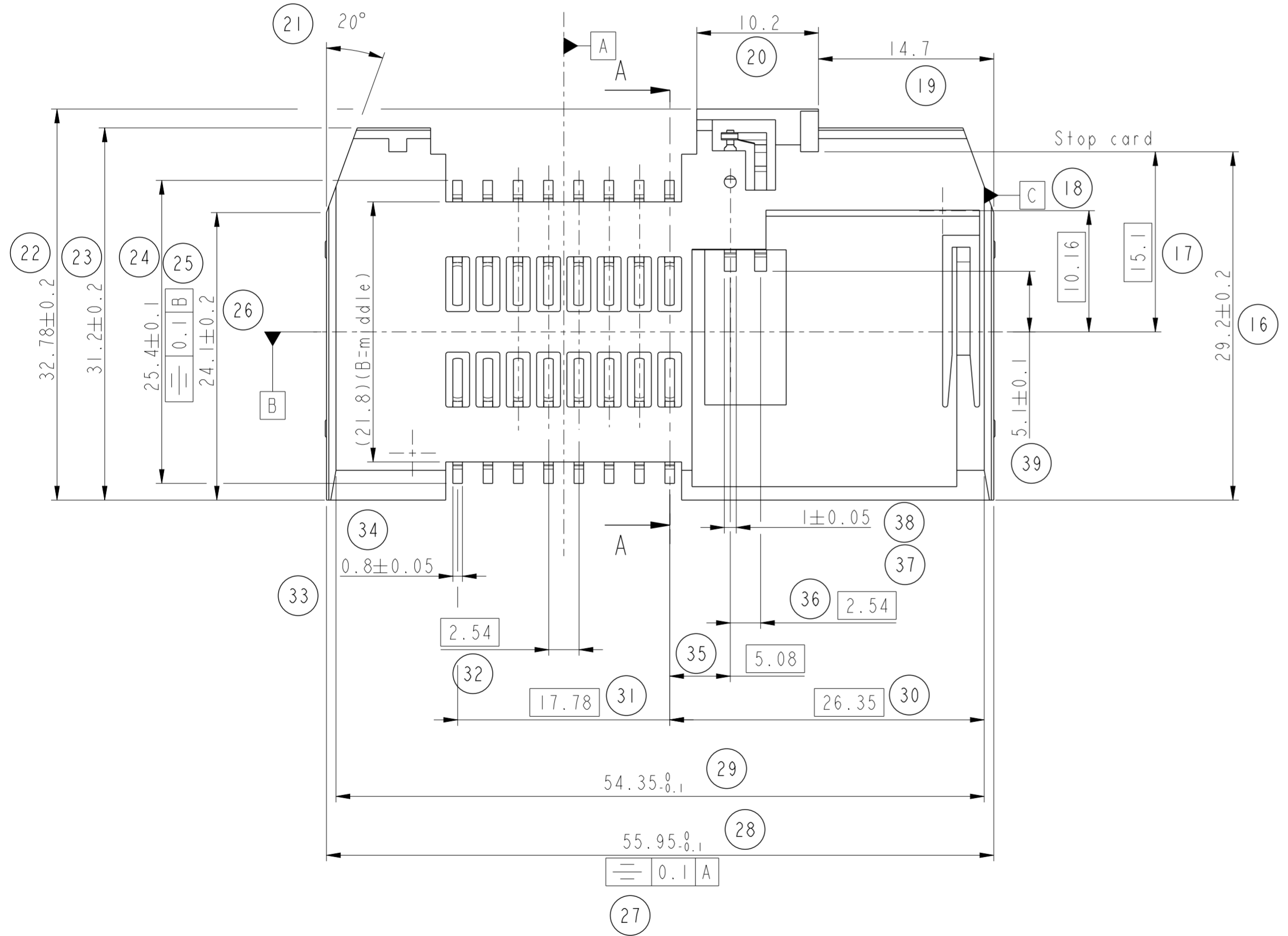
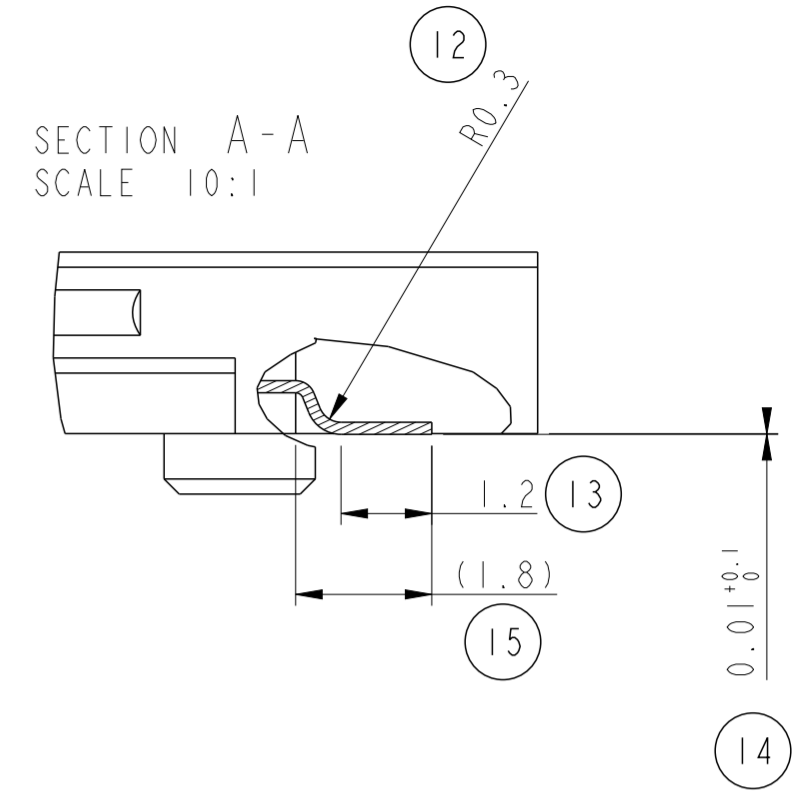
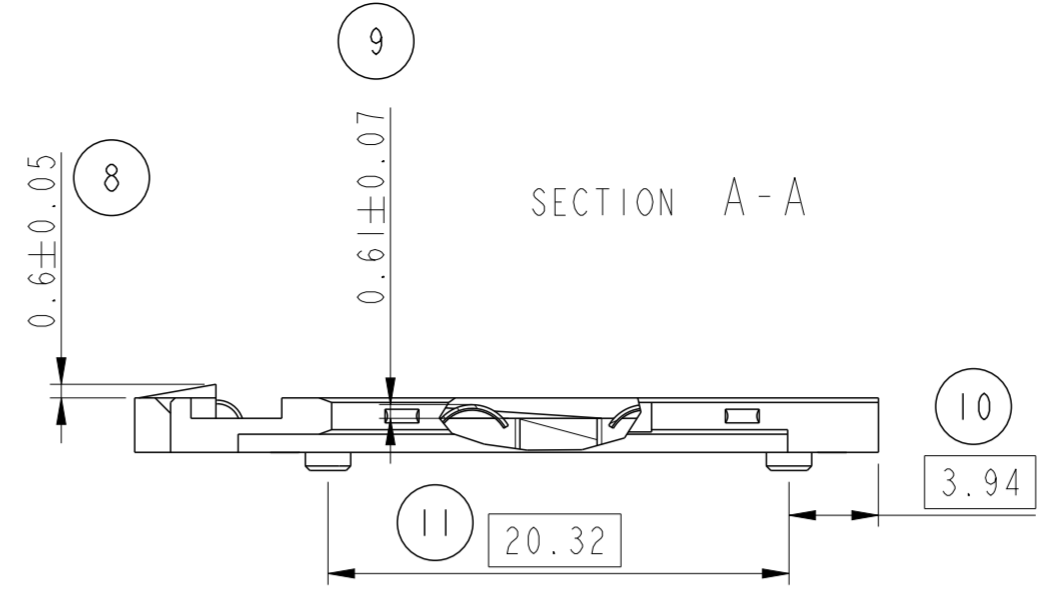
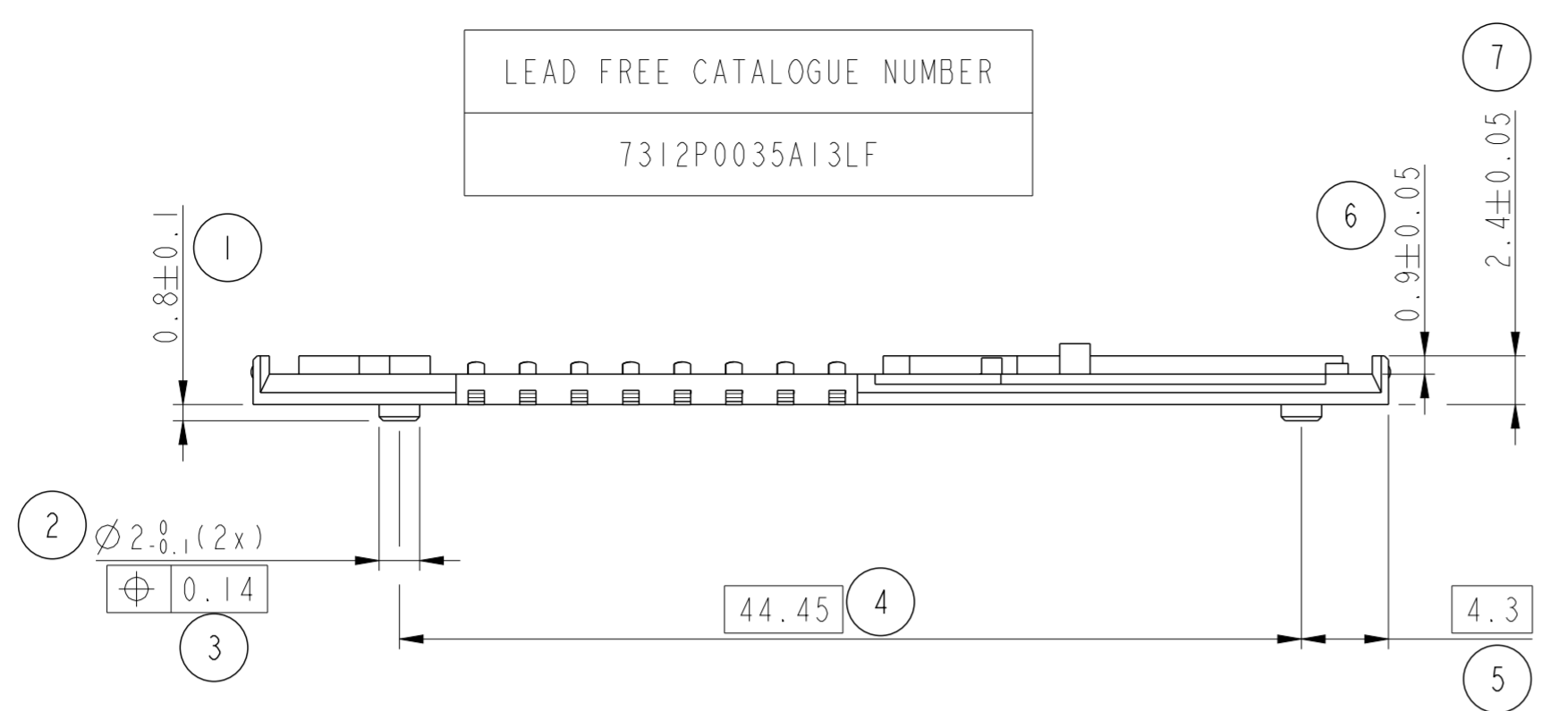


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DESCRIPTION  
Connector especially designed for SMT technology  
EMV compatible and in accordance with ISO 7816-2

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

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

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

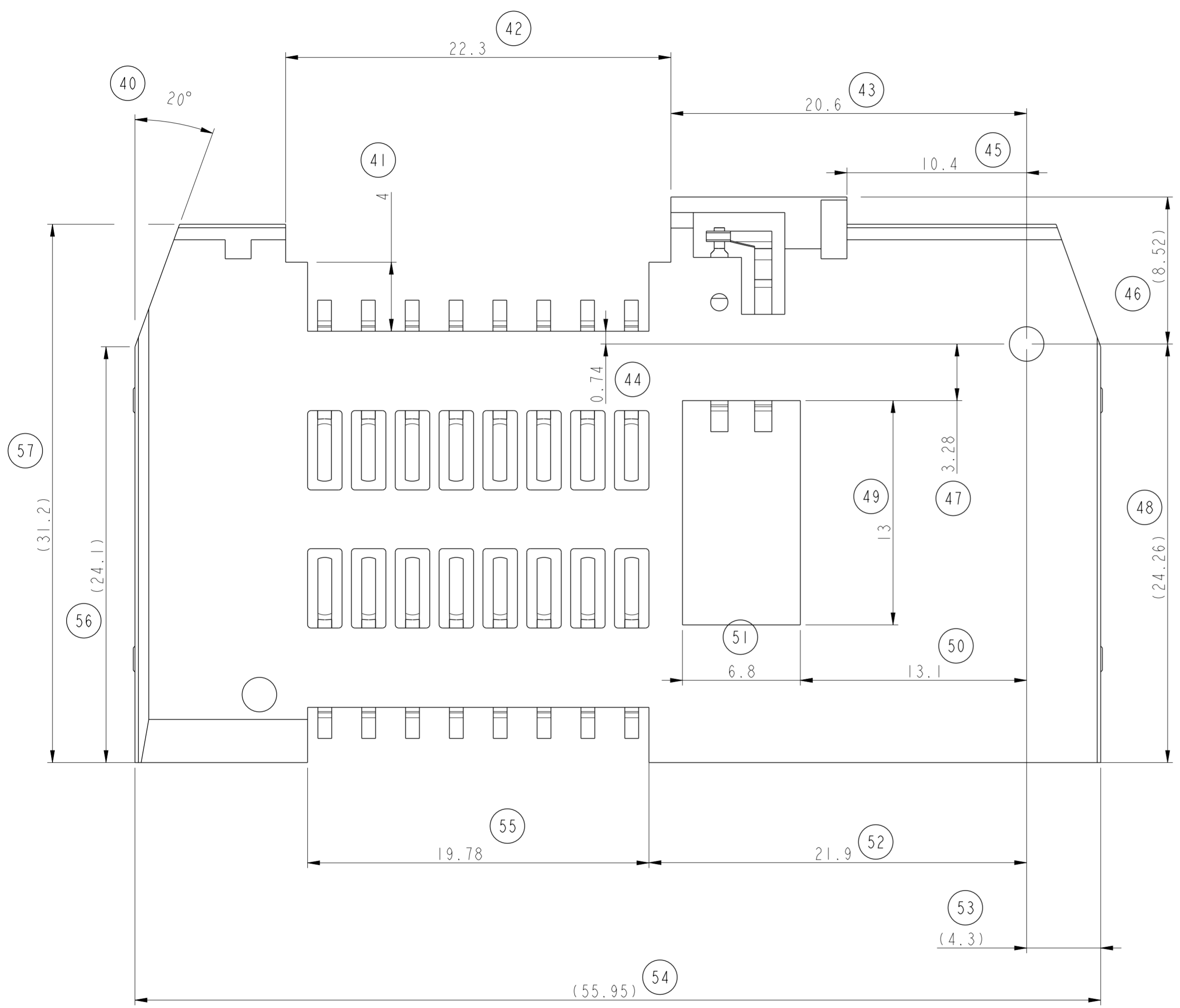
MATERIAL  
Contacts : copper alloy  
Plating : Gold / Equivalent PdNi over Nickel on contact area  
Solder tails : Sn bare edge allowed  
Housing : self extinguishing, Thermoplastic  
UL94-V0 rated

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

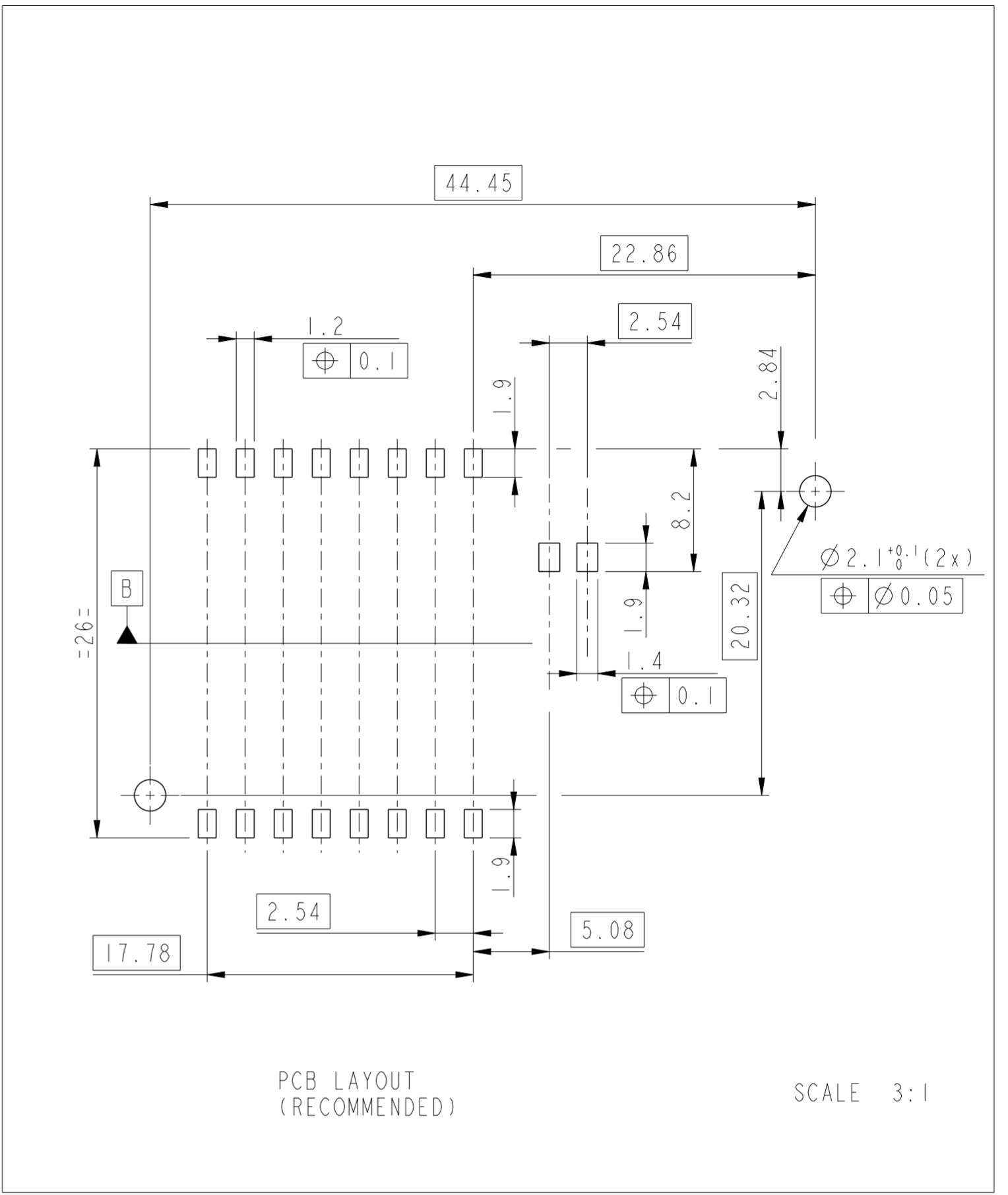
Copyright FCJ

www.fciconnect.com		surface -- ✓	tolerance std ISO 1302	ISO 406	ISO 1101	projection	mm	
TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	PERNET	96/08/23	ANGULAR	0.X	±0.3	size	Scale	
Eng	GAMACHO	96/08/23	LINEAR	0.XX	±0.1	A2	3:1	
Chr	CAILLER	96/08/23	0° ±2°	0.XXX	±0.05	ECN	109-0239	
Appr	GAMACHO	96/08/23	Product family	MOBILE I/O	Spec ref	--	--	
rev	ecn no	dr	date	FCJ				Rev.
A	LS2074	PRI	07/05/02	CHIP CARD CONNECTOR				VJW53663
B	LS2030	PRI	07/06/10	TYPE : P00 (16 cts without cover)				F
C	LS05-0047	LGO	05/05/25	catalog no				7312P0035A13
D	LS05-0059	HLE	05/06/30	CUSTOMER				sheet 1 of 2
E	LS06-0206	HLE	2006/12/11	PDM: Rev.F				STATUS Released
F	109-0239	RPK	2009/10/30	Printed: Oct 29, 2011				

LEAD FREE CATALOGUE NUMBER  
7312P0035A13LF



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

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www.fciconnect.com		surface -- ✓	tolerance std ISO 1302	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	PERNET	96/08/23	ANGULAR	0.X	±0.3	size	Scale
Eng	GAMACHO	96/08/23	LINEAR	0.XX	±0.1	A2	5:1
Chr	CAILLER	96/08/23	0° ±2°	0.XXX	±0.05	ECN	109-0239
Appr	GAMACHO	96/08/23	Product family	MOBILE I/O	Spec ref	--	--
		TITLE: CHIP CARD CONNECTOR		dwg no: VJW53663		Rev: F	
		TYPE: P00 (16 cts without cover)		CUSTOMER		sheet 2 of 2	
		catalog no: 7312P0035A13					