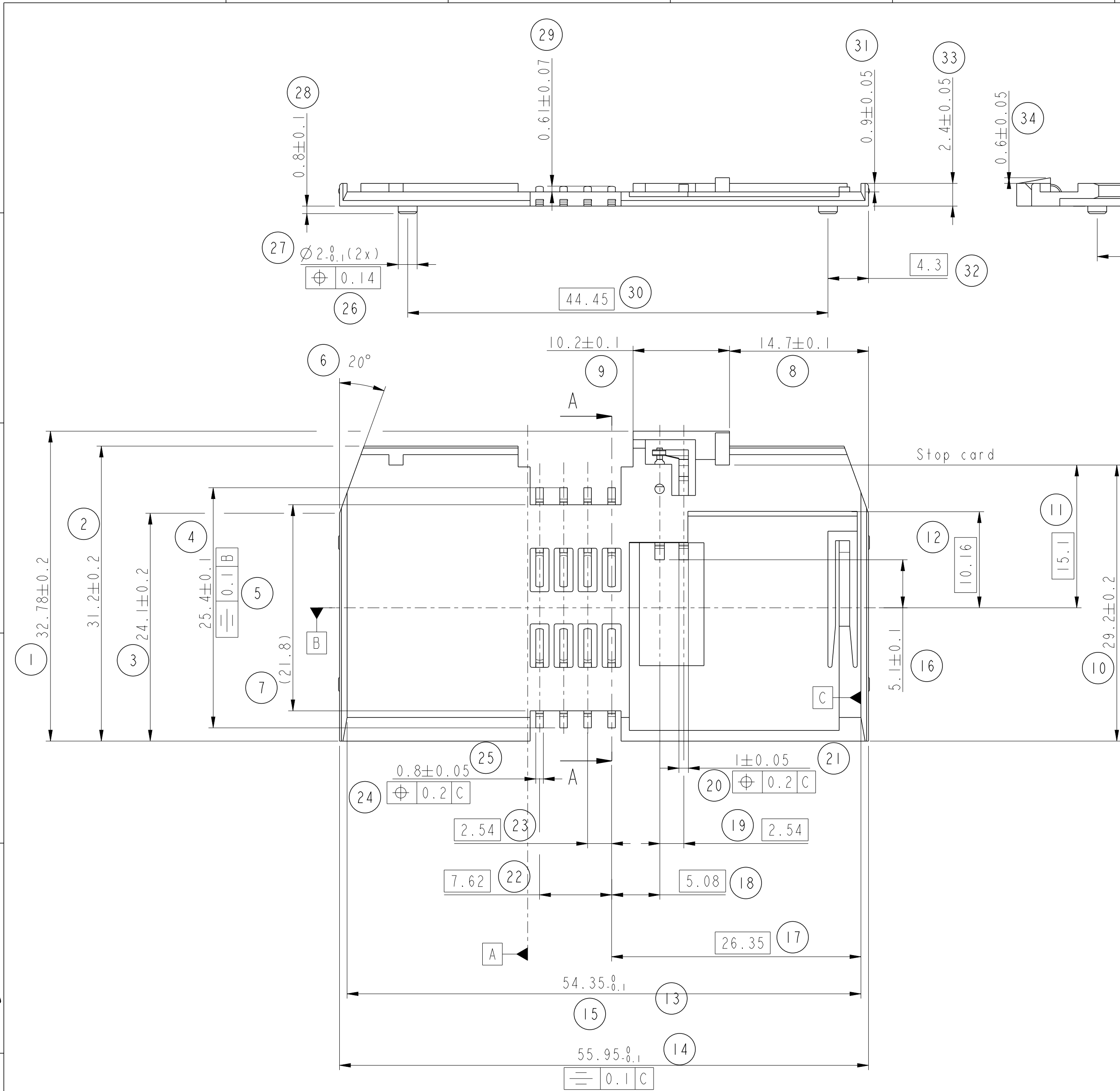




7312P002XA13LF

Durability
4: 50000 Mating Cycles
5: 100000 Mating Cycles

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

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

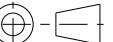
ELECTRICAL
Insulation resistance : 1000MOhms
Dielectric withstand voltage between card contacts
and detection switch : 1000 Vrms
Contact resistance: 100mOhms
Current carrying : min 10 microA max 1A

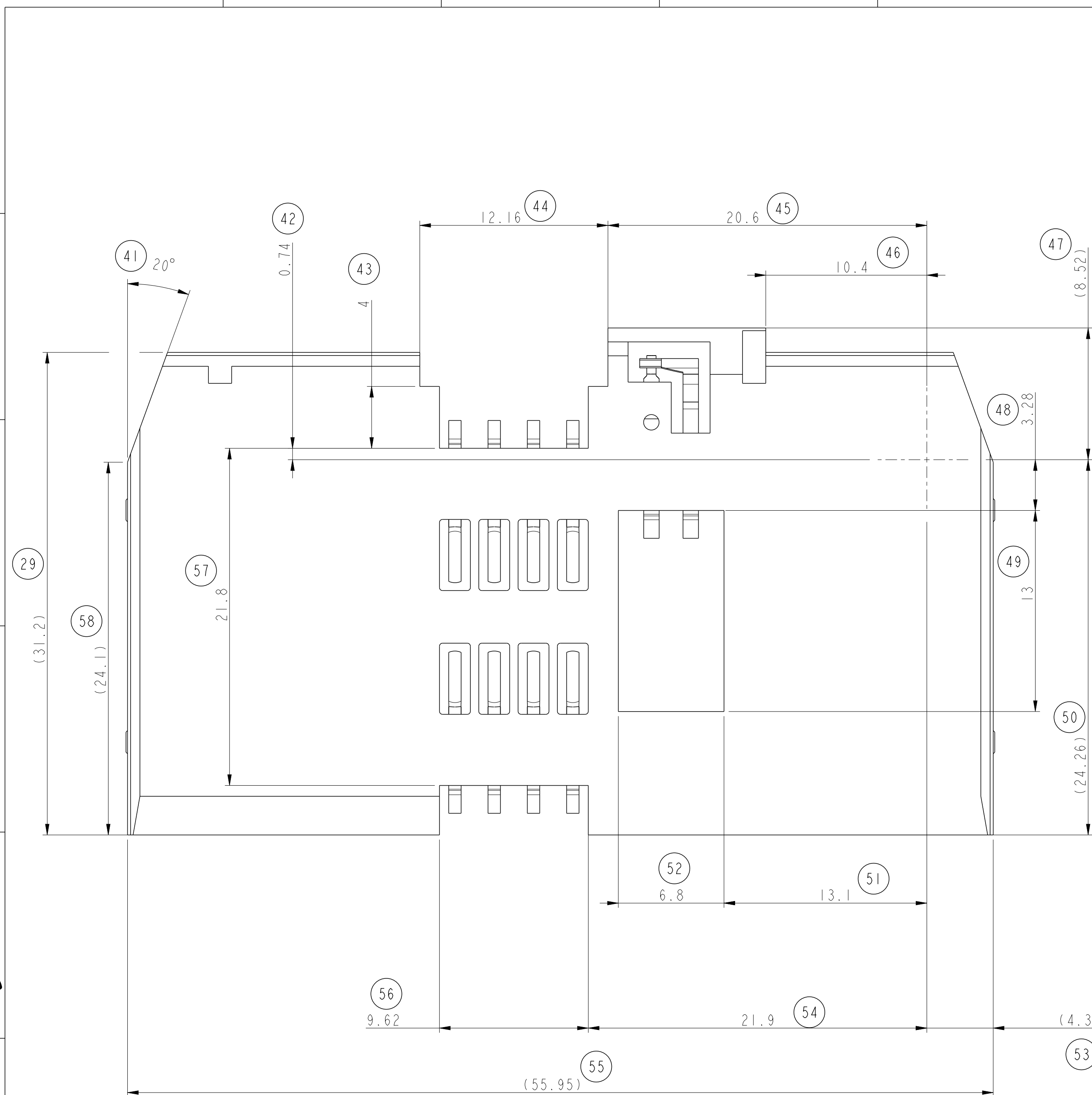
SWITCH
Contact closed : contact resistance 100mOhms
Open contact : voltage proof 300Vms

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

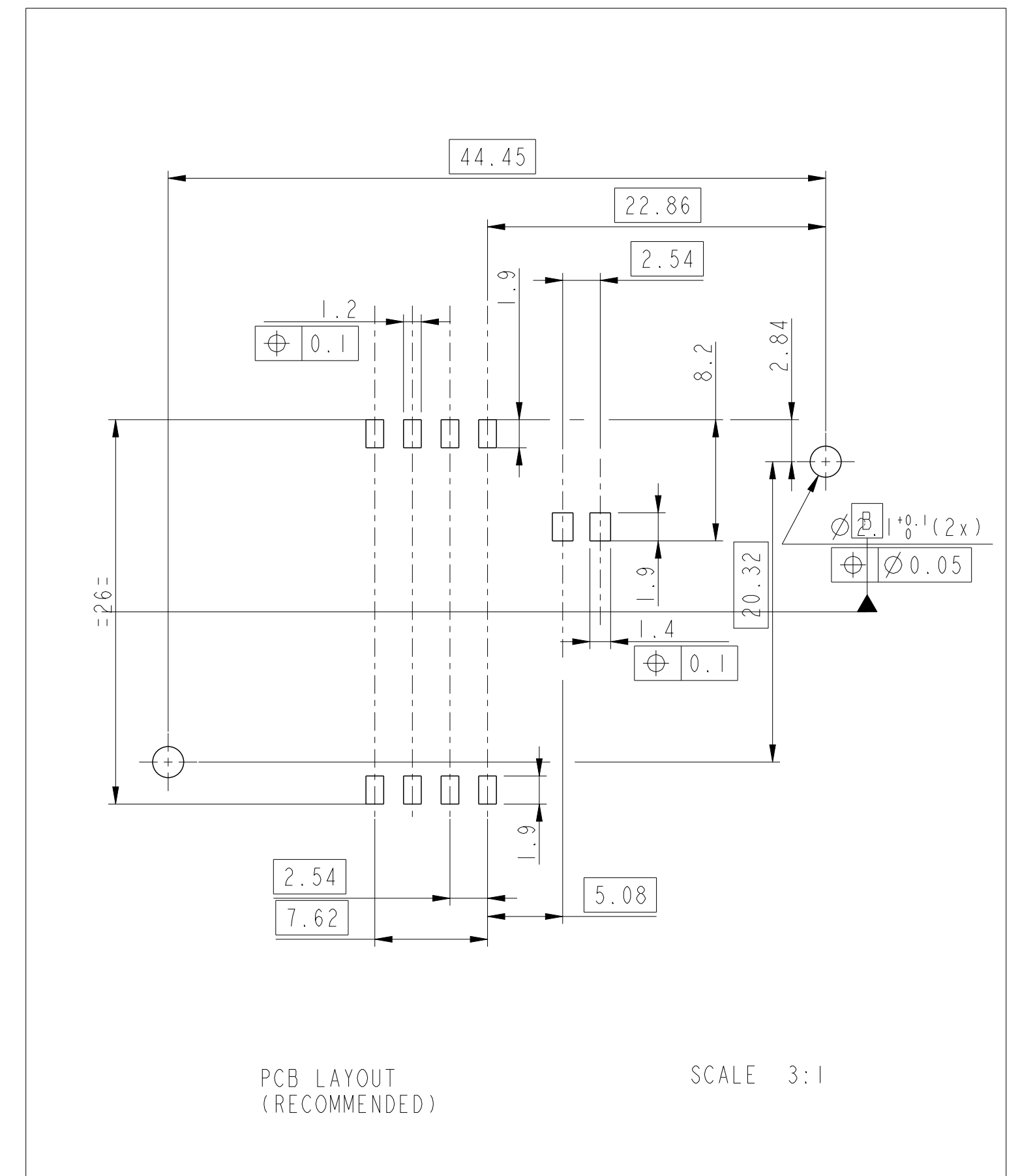
ENVIRONMENT
Storage temperature : -40°C, +85°C
Operating temperature : -20°C, +70°C
Packaging : Tray
Compatible reflow soldering process

rev	ecn no	dr	date
A	F20307	-	02/04/30
B	LS2038	PRI	02/06/10
C	LS05-0047	LGO	05/06/08
D	LS05-0059	HLE	05/06/30
E	LS06-0206	HLE	2006/12/11
F	I09-0239	RPK	2009/10/30
-	-	-	-

www.fciconnect.com			surface -- ✓ ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	BERNARDET	96/08/23	ANGULAR	LINEAR	0.X ±0.3		size A2	Scale 3:1		
Eng	GAMACHO	96/08/23			0.XX ±0.1					
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 VJW53664		Rev. F	
			TYPE : P00 (8cts without cover)							
			catalog no 7312P0025A13				CUSTOMER		sheet 1 of 2	

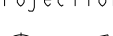


LAYOUT FOR KEEP OUT ZONE
(CONNECTOR SIDE)



NOTE: RoHS INFORMATION

- 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 --  ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 			
TOLERANCES UNLESS OTHERWISE SPECIFIED												
Dr	BERNARDET	96/08/23	ANGULAR	LINEAR	0.X	±0.3	size	Scale				
Eng	GAMACHO	96/08/23			0.XX	±0.1	A2	5:1				
Chr	CAILLER	96/08/23	0° ±0°		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 VJW53664	Rev. F	
		TYPE : P00 (8cts without cover)										
		catalog no				7312P0025A13				CUSTOMER		sheet 2 of 2