

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

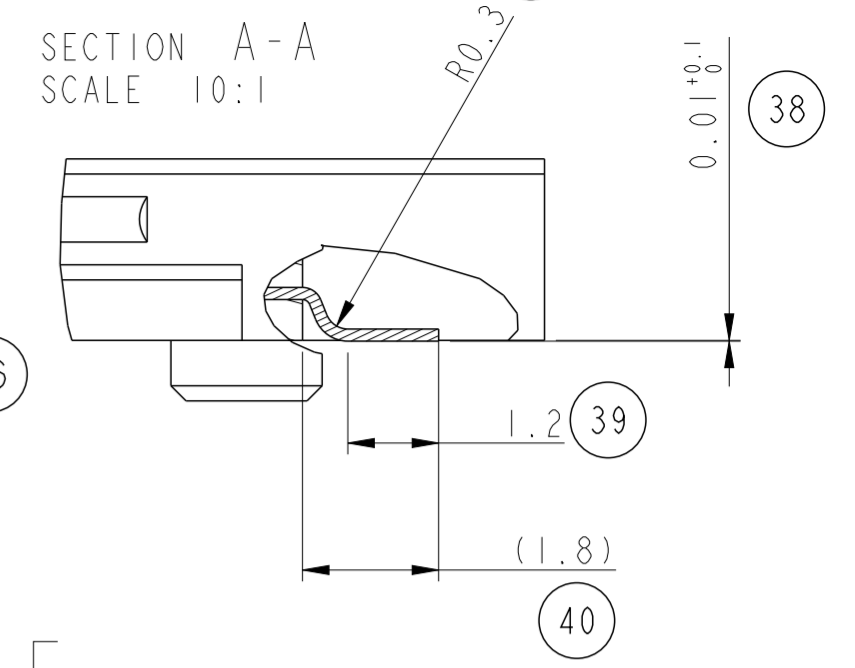
MECHANICAL  
 Contacts force : between 0.2N-0.5N  
 Insertion force : 10N max  
 Extraction force : 3N min

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

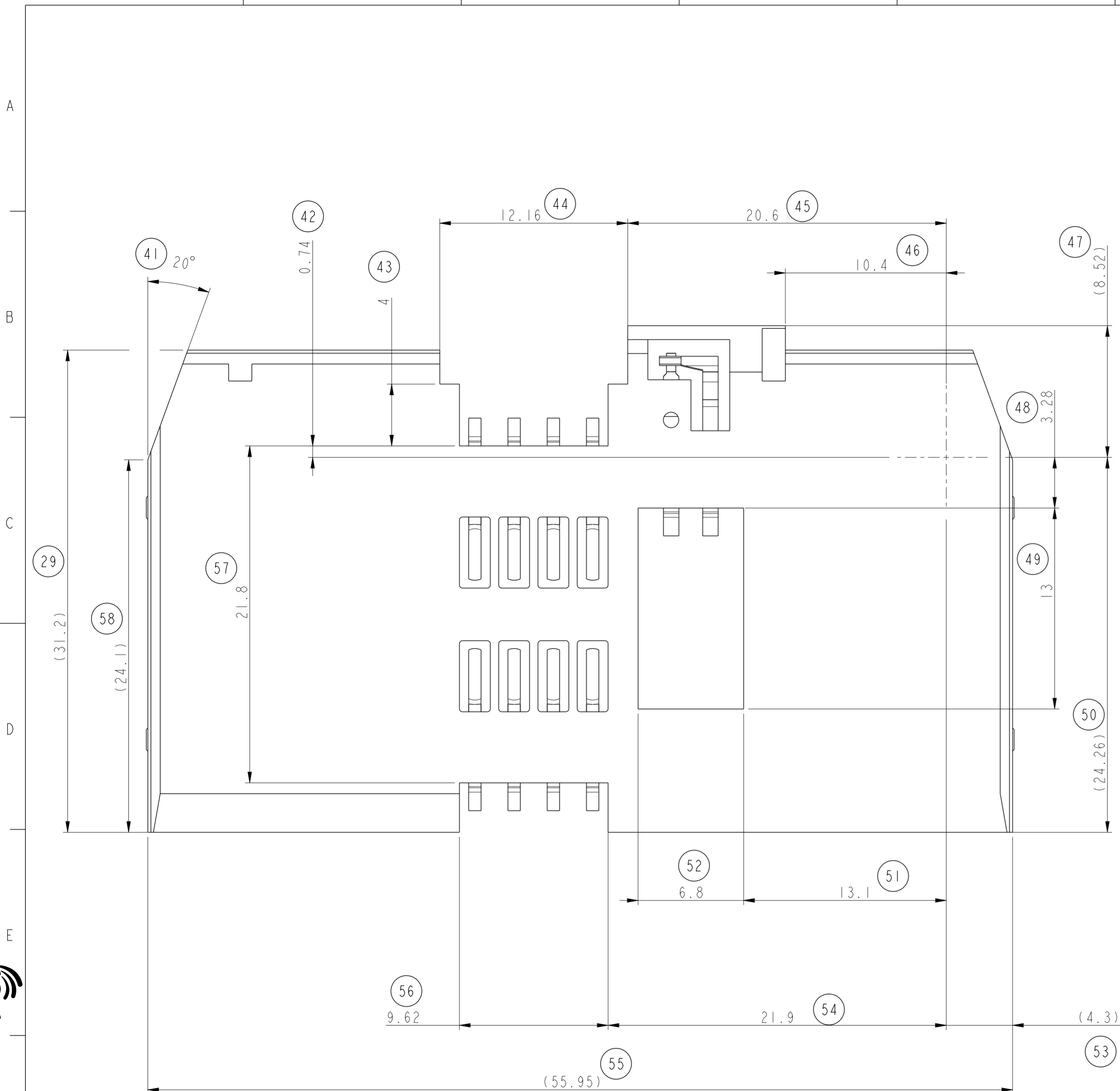
ENVIRONMENT  
 Storage temperature : -40°C, +85°C  
 Operating temperature : -20°C, +70°C  
 Packaging : Tray  
 Compatible reflow soldering process



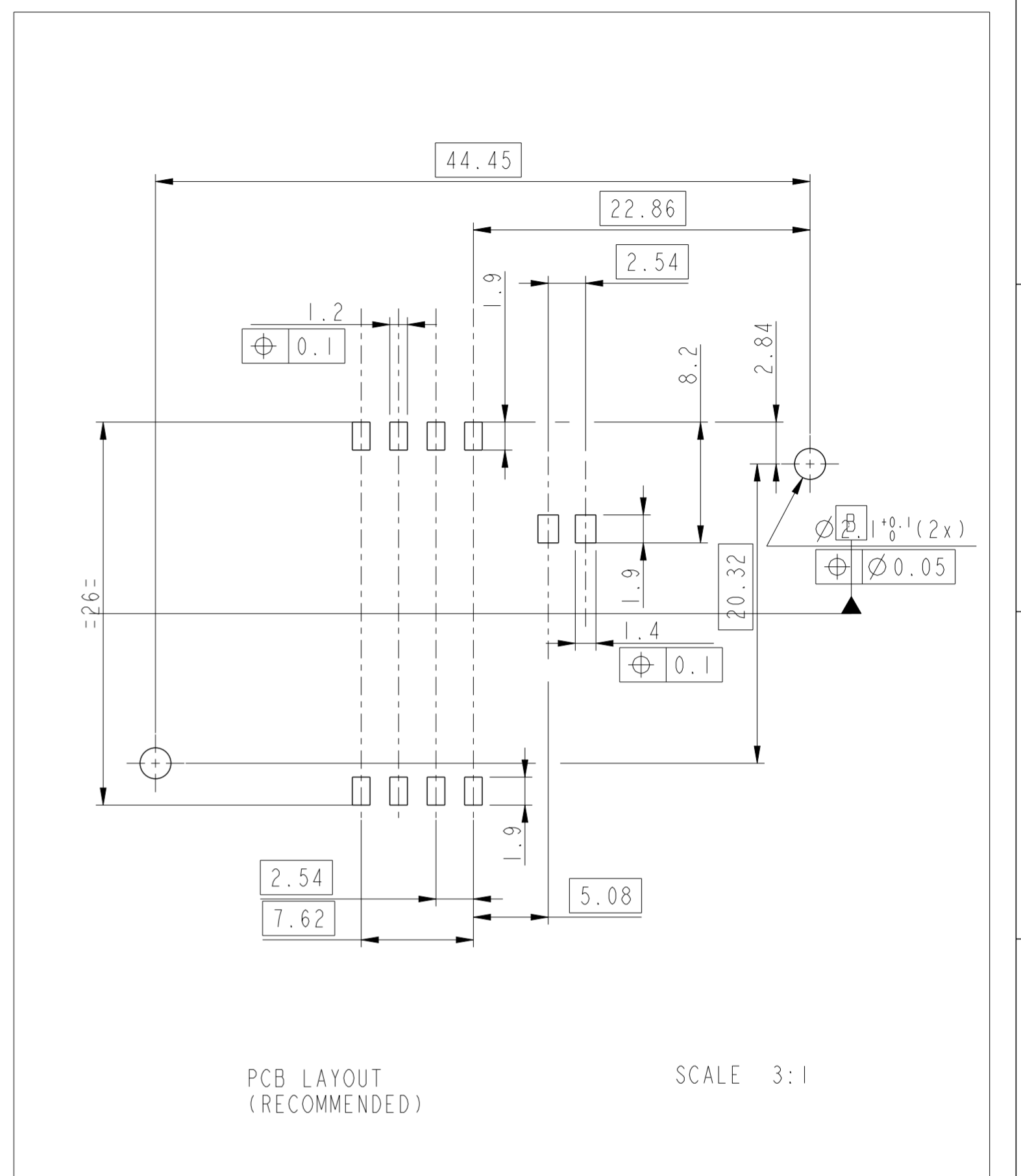
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rev	ecn no	dr	date
A	F20307	-	02/04/30
B	LS2038	PRI	02/06/10
C	LS05-0047	LGO	05/06/08
D	LS05-0059	HLE	05/06/30
E	LS06-0206	HLE	2006/12/11
F	109-0239	RPK	2009/10/30

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



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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		ISO 1302	ISO 406 ISO 1101		
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	BERNARDET	96/08/23	ANGULAR	0.x ±0.3	size A2
Eng	GAMACHO	96/08/23	LINEAR	0.xx ±0.1	Scale 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	Rev.
		TYPE : P00 (8cts without cover)		VJW53664	F
		catalog no	7312P0025A13	CUSTOMER	sheet 2 of 2