

TIN LEAD CATALOGUE NUMBER
7312P0225A25
7712P0225A25
LEAD FREE CATALOGUE NUMBER
7312P0225A25LF
7712P0225A25LF

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

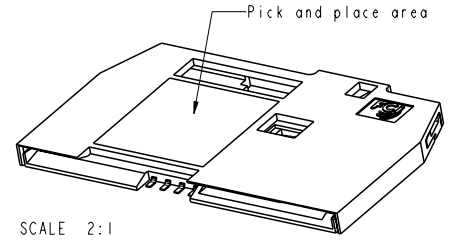
**MECHANICAL**  
 Contacts force : between 0.2N-0.5N  
 Durability : 100000 cycles  
 Insertion force : 10N max  
 Extraction force : 3N min

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

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

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

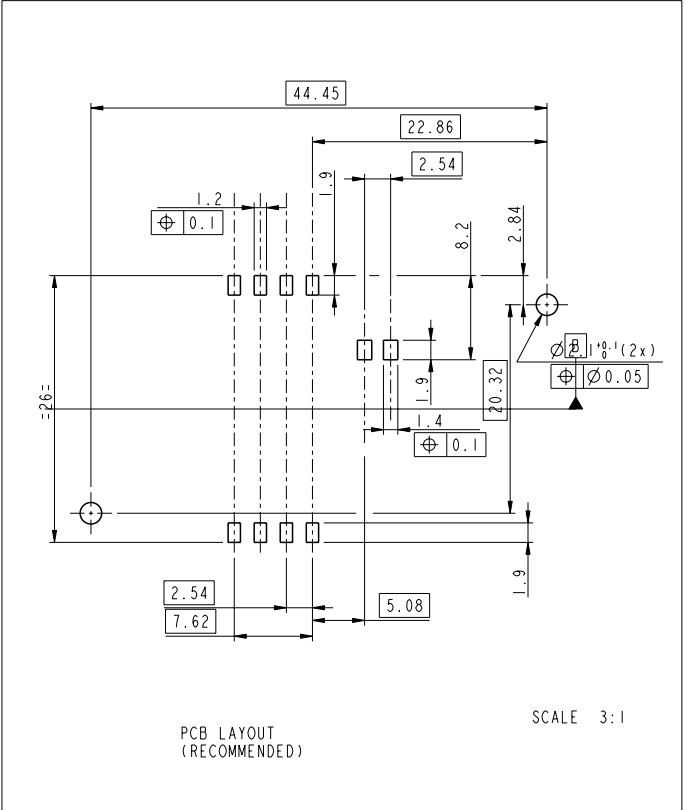
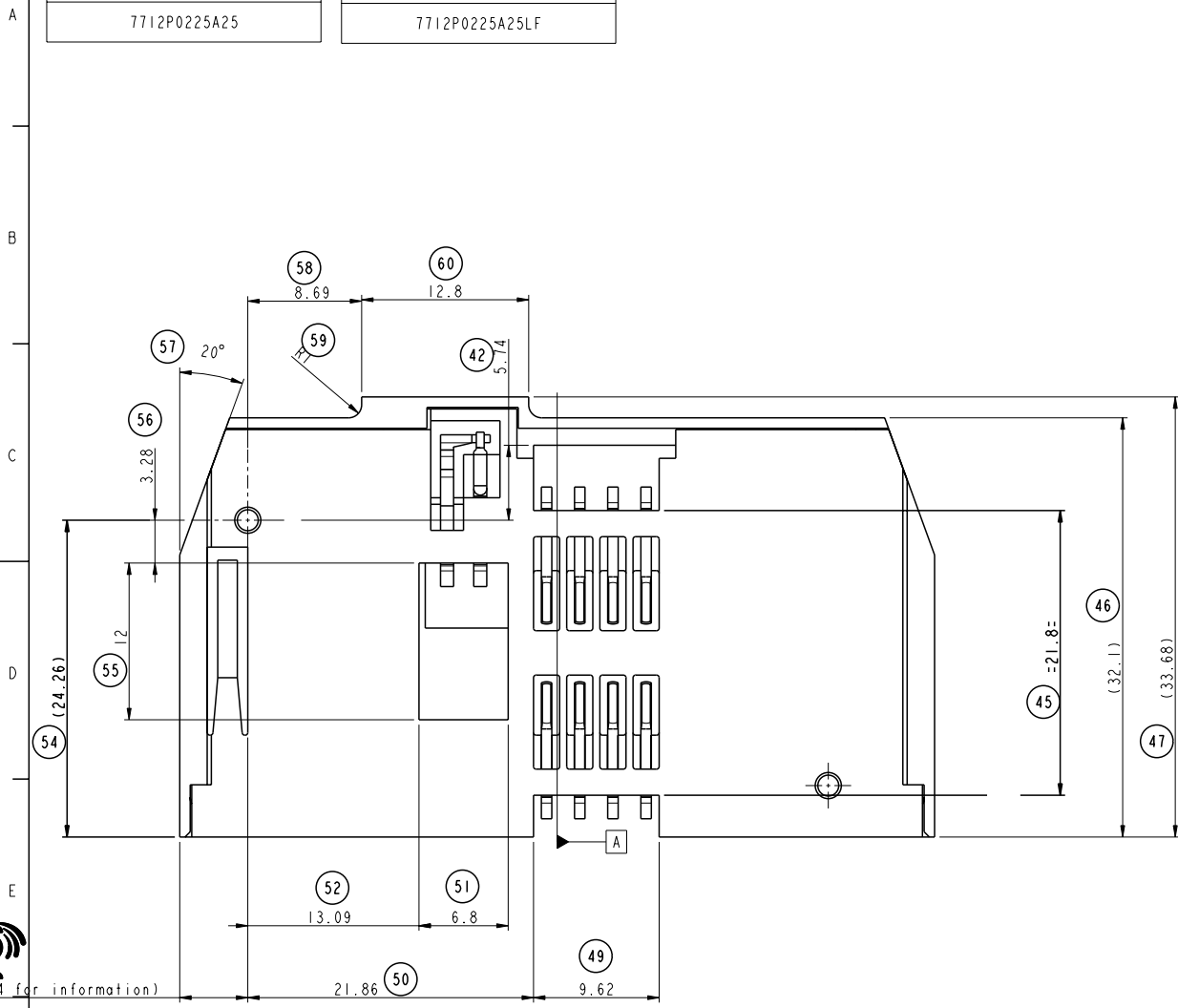
**ENVIRONMENT**  
 Storage temperature : -40°C, +85°C  
 Operating temperature : -20°C, +70°C  
 Packaging : Tray  
 Compatible reflow soldering process



REV	DESIGNATION
G	SUPPRESSED: NOTA : SPECIFIC PACKAGING for LF and CUSTOMER USE for LF REFERENCES

www.fciconnect.com		surface	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101	size	Scale
		TOLERANCES UNLESS OTHERWISE SPECIFIED		A2	3:1
Dr	LEGRAND	96/06/29	ANGULAR	LINEAR	ECN
Eng	TISSERAND	96/06/29	0.X ±0.3	0.xx ±0.1	LS06-0206
Chr	TISSERAND	96/06/29	0.xxx ±0.05	ECN	LS06-0206
Appr	NOTTEAU	96/06/29	Product family	MOBILE I/O	Spec ref
FCJ		CHIP CARD CONNECTOR		ang no	VJW54471
		TYPE : P02 (8cts with cover)		Rev.	D
catalog no		SEE NOTES	CUSTOMER	sheet 1 of 2	

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**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

LAYOUT FOR KEEP OUT ZONE (CONNECTOR SIDE)

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REV 7 - 2006-04-17

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		ISO 1302	ISO 406 ISO 1101		
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	LEGRAND	96/06/29	ANGULAR	LINEAR	size A2 Scale 4:1
Eng	TISSERAND	96/06/29	0.xx	±0.1	ECN LS06-0206
Chr	TISSERAND	96/06/29	0.xxx	±0.05	
Appr	NOTTEAU	96/06/29	Product family	MOBILE I/O	Spec ref
		CHIP CARD CONNECTOR		ang no	VJW54471
		TYPE : P02 (8cts with cover)		Rev. no	D
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