

# 7334L2622F01LF

Catalogue Part Number Key

Lead Free Version (Optional)

Plating : contact area  
2: 0.4 µm Gold  
5: 2.0 µm Gold

Number of contacts :  
2: 8 contacts ISO  
3: 16 contacts ISO + AFNOR

GENERAL:  
This L26 connector uses a "sliding" contact technology suitable for most applications.  
It has been designed for easy mounting on the PCB.

ELECTRICAL PROPERTIES:  
Insulation resistance : 5000 MΩ min  
Dielectric withstanding : 750 Vrms min  
Current carrying capacity : 10µA min, 1A max  
Contact resistance : 100mΩ max  
Card sensor type : Normally closed

MECHANICAL PROPERTIES:  
Contact Normal force : 0.6 N max (EMV Standard)  
Insertion force : 10 N max  
Extraction force : 1 N min  
Durability : 10000 card insertions with 0.4µm Gold  
According to UTE C93-421

MATERIAL:  
Housing : PBT 30 % Glass Filled, Colour Black, Rated UL94V0  
Contacts and switch : Phosphor bronze  
Plating : Nickel all over with 3µm mini on contact area  
Gold on contact area : see catalogue part number key  
Tin/Lead 3 µm mini on soldertails  
FOR LEAD FREE PLATING :  
Matte Tin 3µm mini on solder tail in place of Tin/Lead  
Bare edge allowed

ENVIRONMENT:  
Operating temperature: -20°C / +70°C  
Storage temperature: -40°C / +85°C  
Printed Circuit Board thickness : 1.6mm

REFERENCE DOCUMENTS:  
Product specification VGN 11596  
Packaging Specification VGN 11619

### LEAD FREE VERSION:

"This product meets European Union Directives and other country regulations as described in GS-22-008"

The housing will withstand exposure to 260°C peak temperature for 10seconds in a wave solder application with a 1.6mm minimum thick circuit board. Use protective adhesive tape (Kapton or Teflon) or protective metallic devices on the areas which are directly exposed to wave soldering as it is used in classical leaded wave soldering

General Tolerances: ± 0.2 mm

<b>A</b> <b>FCI</b>		www.fciconnect.com	surface - ✓ ISO 1302	tolerance ISO 406 ISO 1101	projection mm
Dr	DILIPTHOMAS	02.04.30	Product family	5S2F	size A3
Eng	F TISSERAND	02.04.30	Spec ref	SEE NOTES	Scale 3:2
Chr	N.TWENCY	'05/06/25	Material	SEE NOTES	ECN 105-0071
Appr	K SOMA	'05/06/25			
title L26 TYPE F01			dwg no VJW_54701		Rev. C
catalog no			SEE TABLE	CUSTOMER COPY	sheet 1 of 2

ltr	ecn no	dr	date
A	F20307	DLE	02/04/30
B	LS 3053	JTA	03/05/13
C	105-0071	DTK	'05/06/25
-	-	-	-
-	-	-	-
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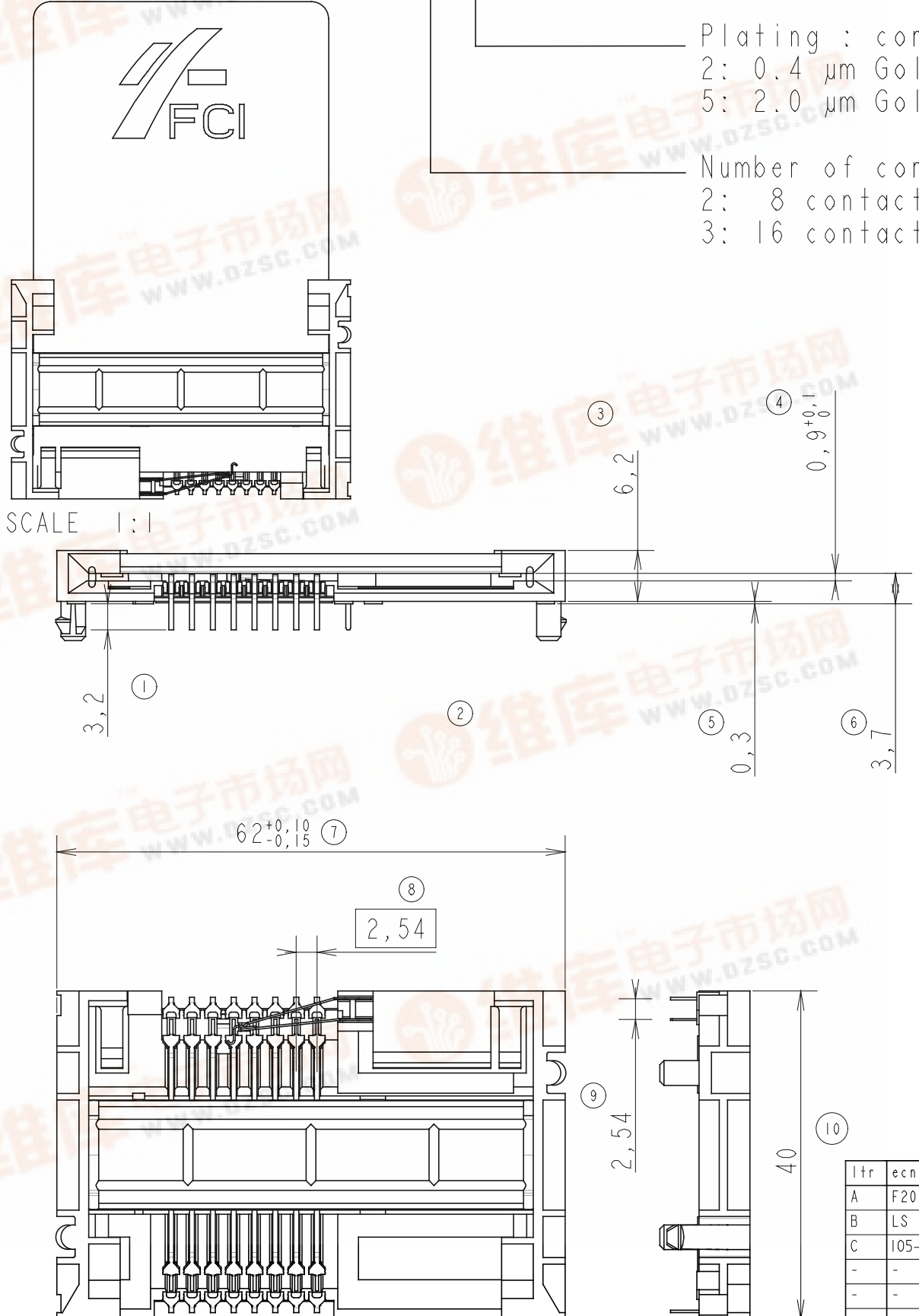
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**FCI**

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**A**  
**B**

**C**

**D**



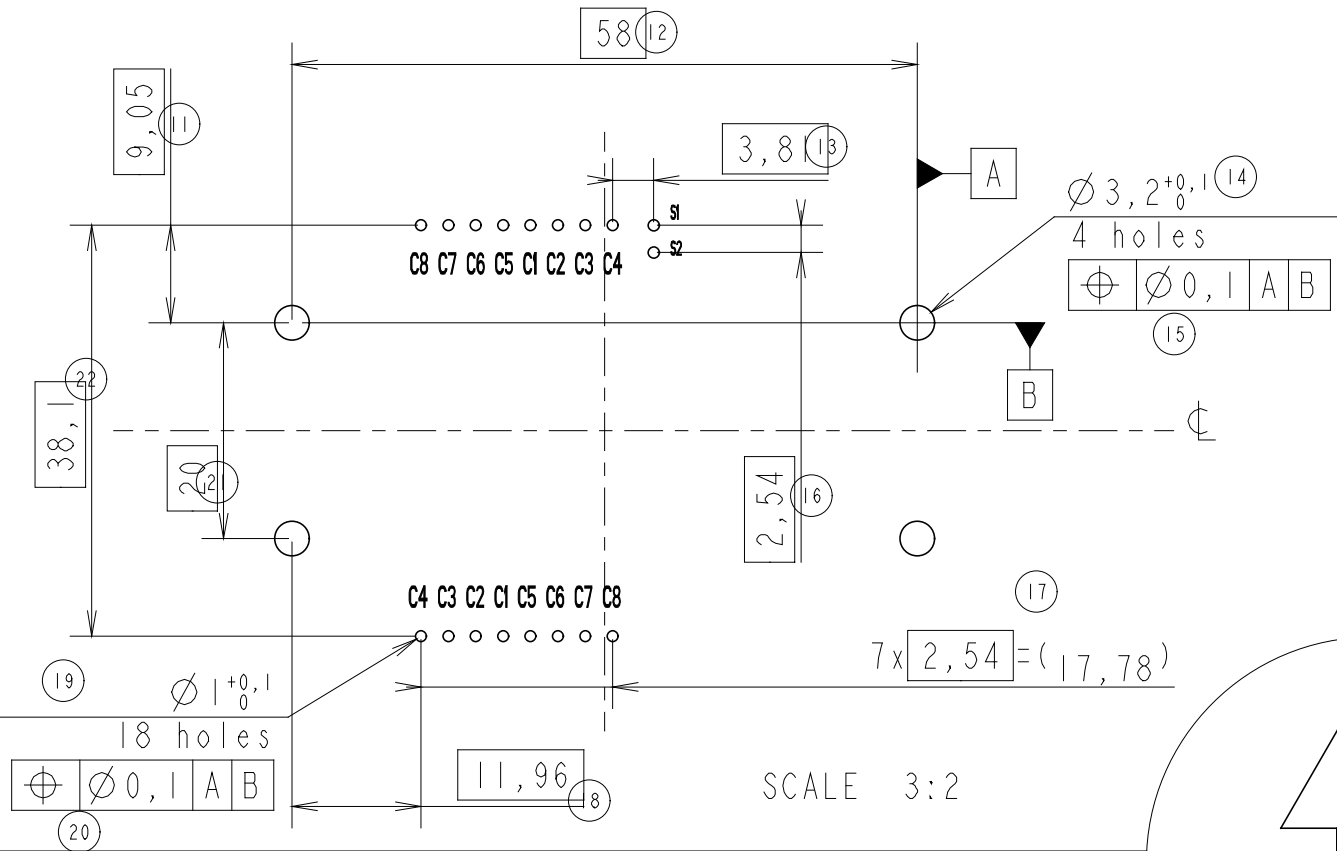
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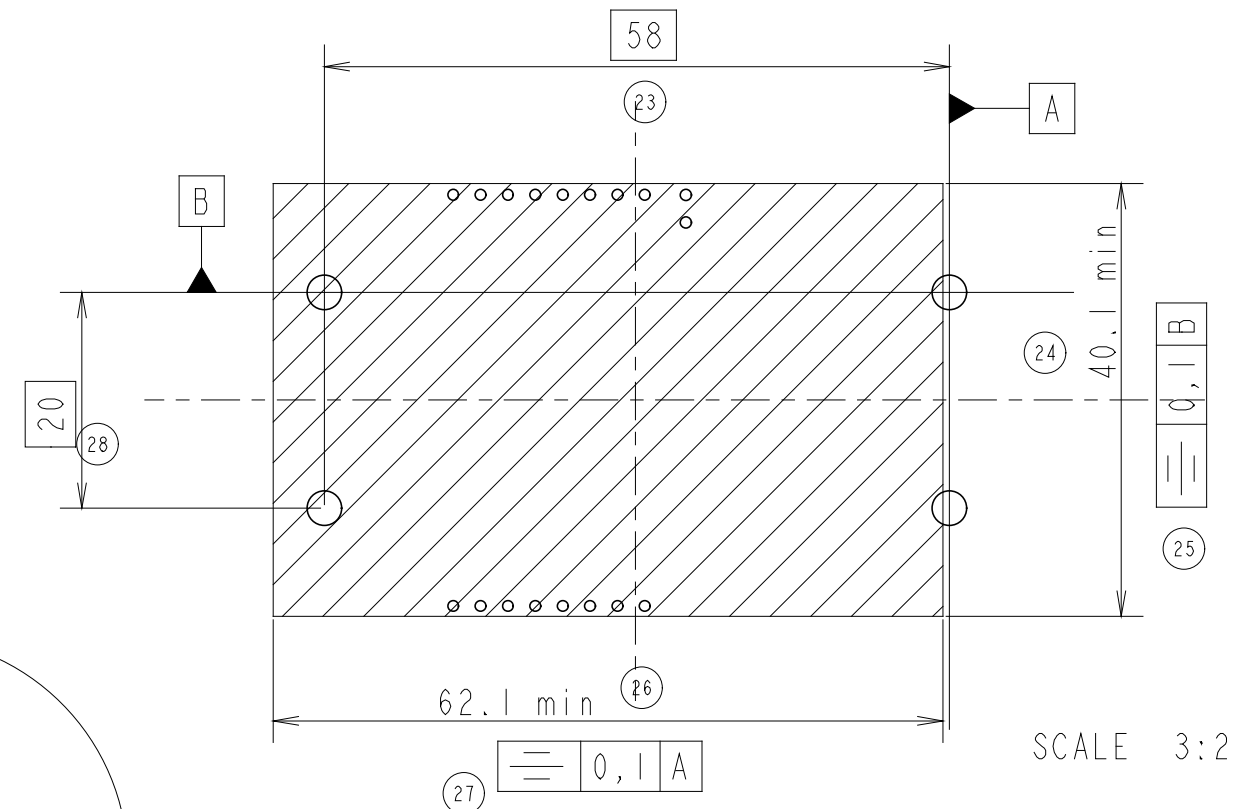
**RECOMMENDED PCB LAYOUT**

CONTACT CONFIGURATION : ISO & AFNOR  
( CONNECTOR SIDE )



SCALE 3:2

**STANDARD LAYOUT FOR 'KEEP OUT ZONE' (Connector Side)**

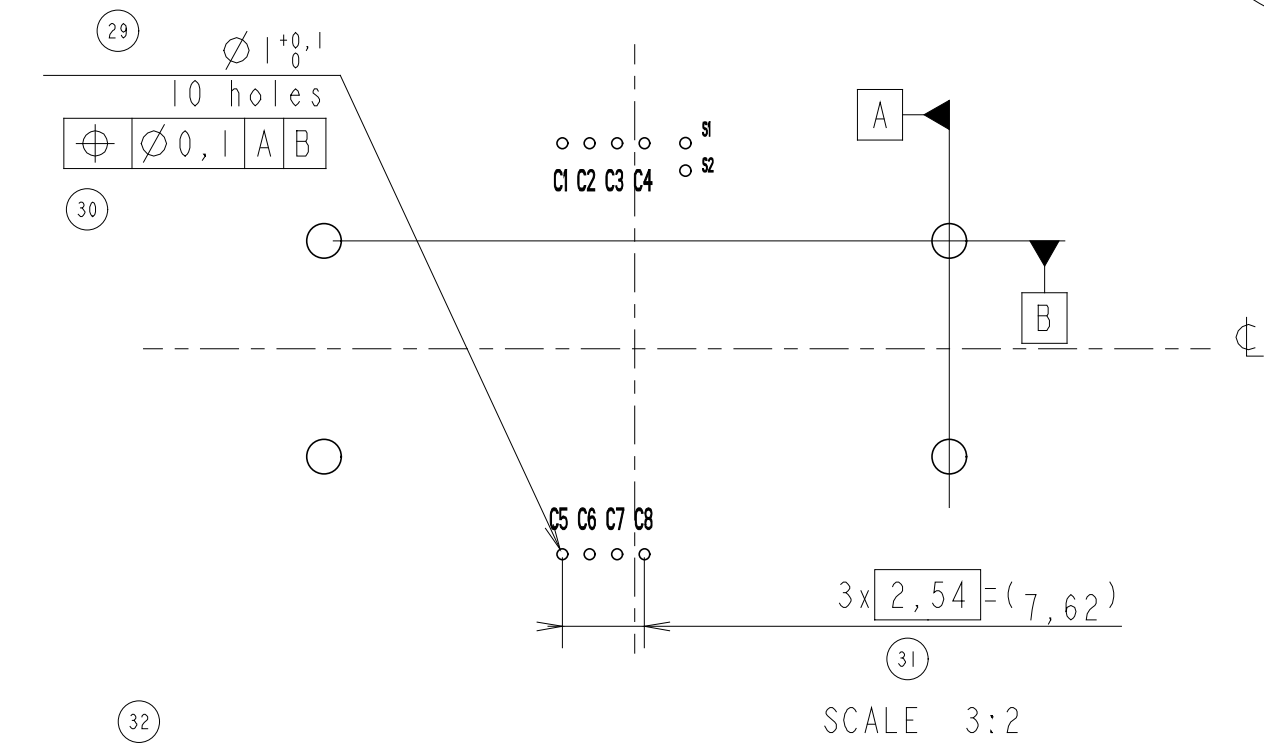


SCALE 3:2

Hatching area might be free of components

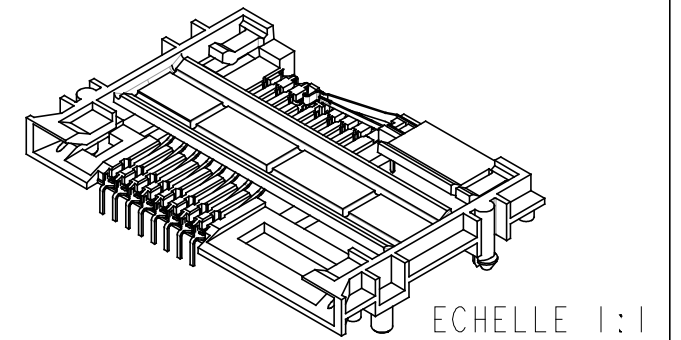
**RECOMMENDED PCB LAYOUT**

CONTACT CONFIGURATION : ISO  
( CONNECTOR SIDE )



SCALE 3:2

CARD INSERTION



EUROPEAN PROJECTION

<b>FCI</b>	www.fciconnect.com		surface - <input checked="" type="checkbox"/>	tolerance	projection	mm
			ISO 1302	ISO 406 ISO 1101		
Dr	DILIP THOMAS	02.04.30	Product family	5S2F	size	Scale
Eng	F TISSERAND	02.04.30	Spec ref	SEE NOTES	A3	3:2
Chr	N. TWINCY	'05/06/25	Material	SEE NOTES	ECN	105-0071
Appr	K SOMA	'05/06/25				
title	L26 TYPE F01			dwg no	VJW_54701	
Rev.						C
catalog no	SEE TABLE		CUSTOMER COPY		sheet 2 of 2	