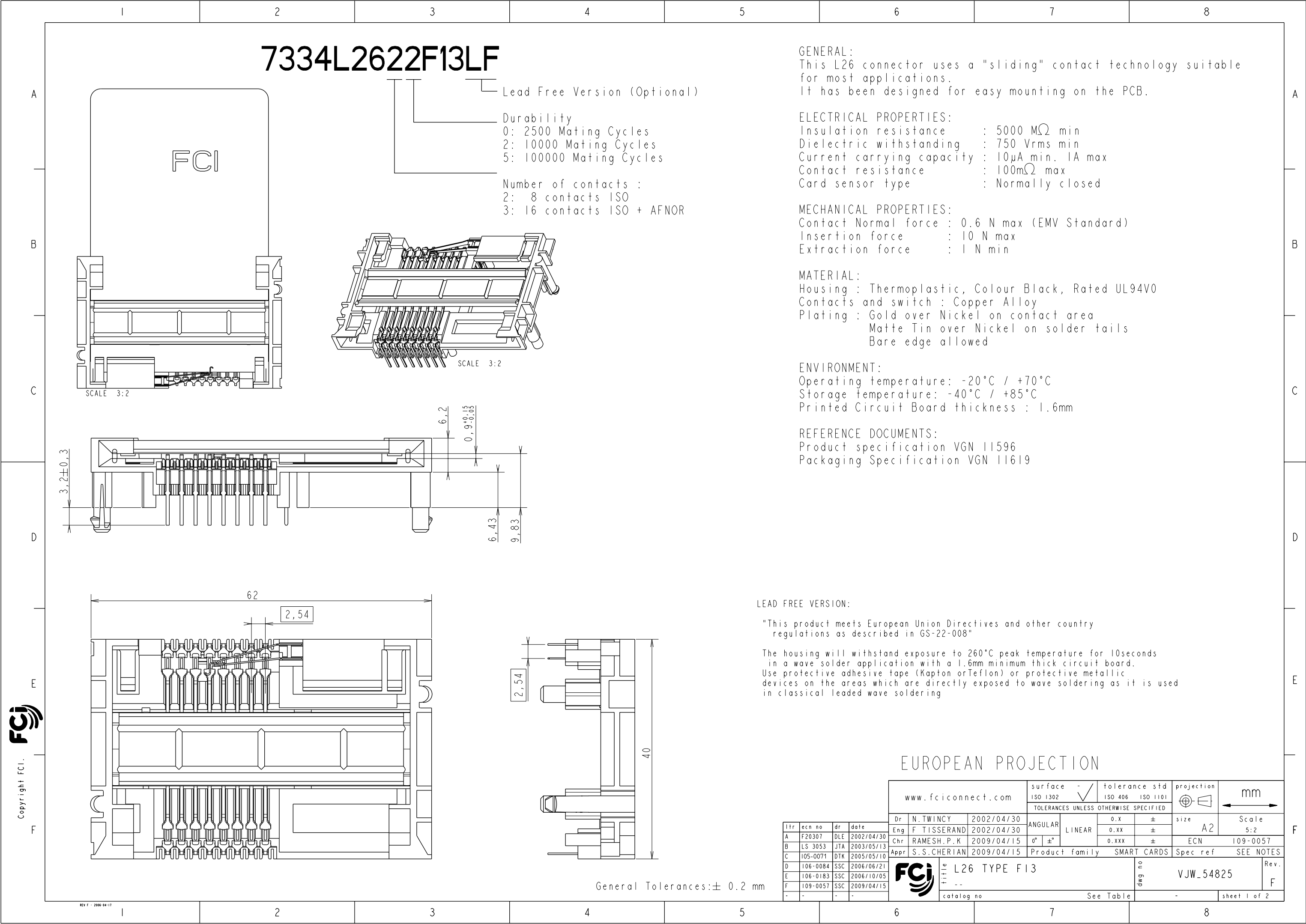




GENERAL:
This L26 connector uses a "sliding" contact technology suitable for most applications.
It has been designed for easy mounting on the PCB.

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

MATERIAL:
Housing : Thermoplastic, Colour Black, Rated UL94V0
Contacts and switch : Copper Alloy
Plating : Gold over Nickel on contact area
Matte Tin over Nickel on solder tails
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"

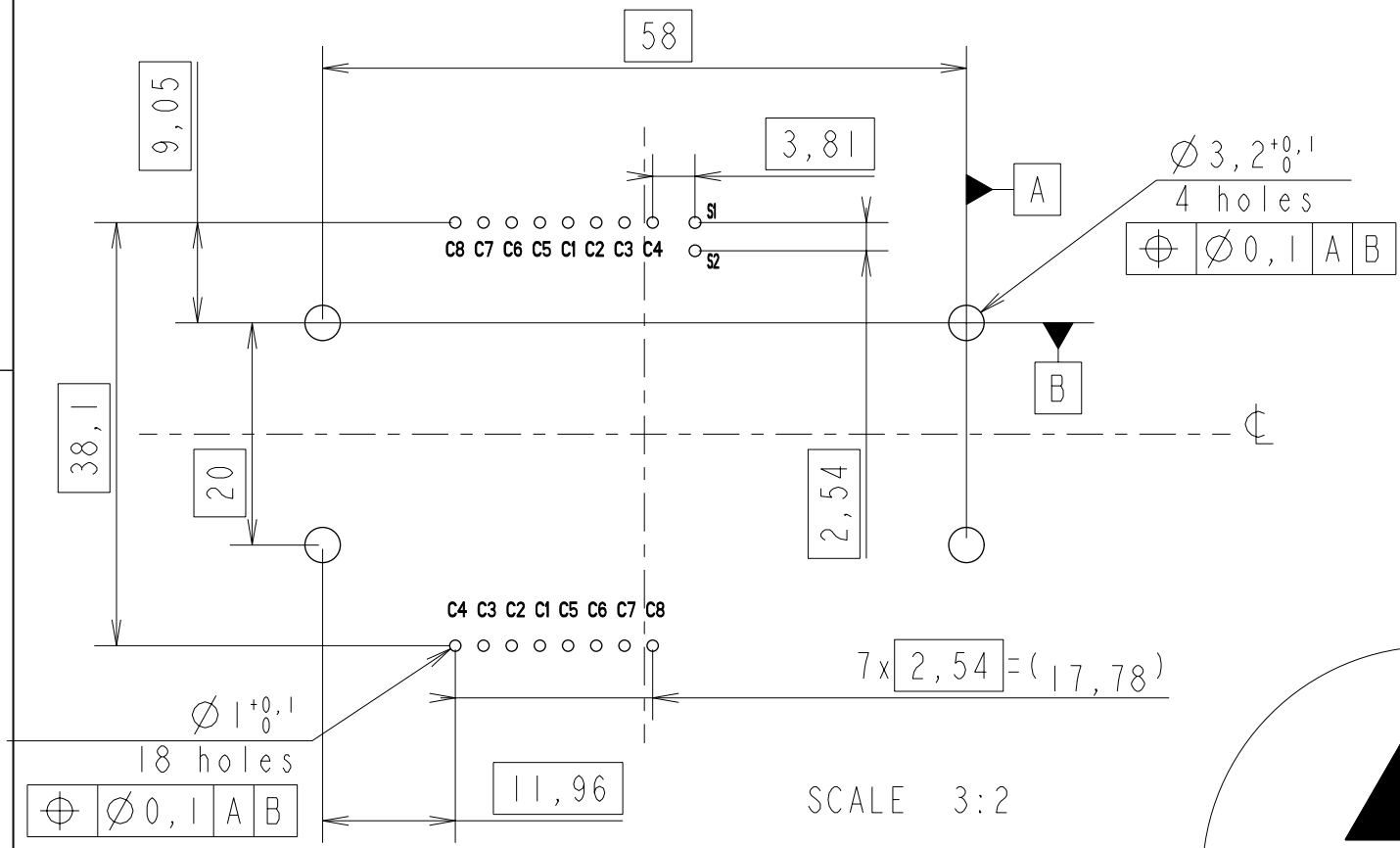
The housing will withstand exposure to 260°C peak temperature for 10seconds in a wave solder application with a 1.6mm minimum thick circuit board.
Use protective adhesive tape (Kapton or Teflon) or protective metallic devices on the areas which are directly exposed to wave soldering as it is used in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

EUROPEAN PROJECTION

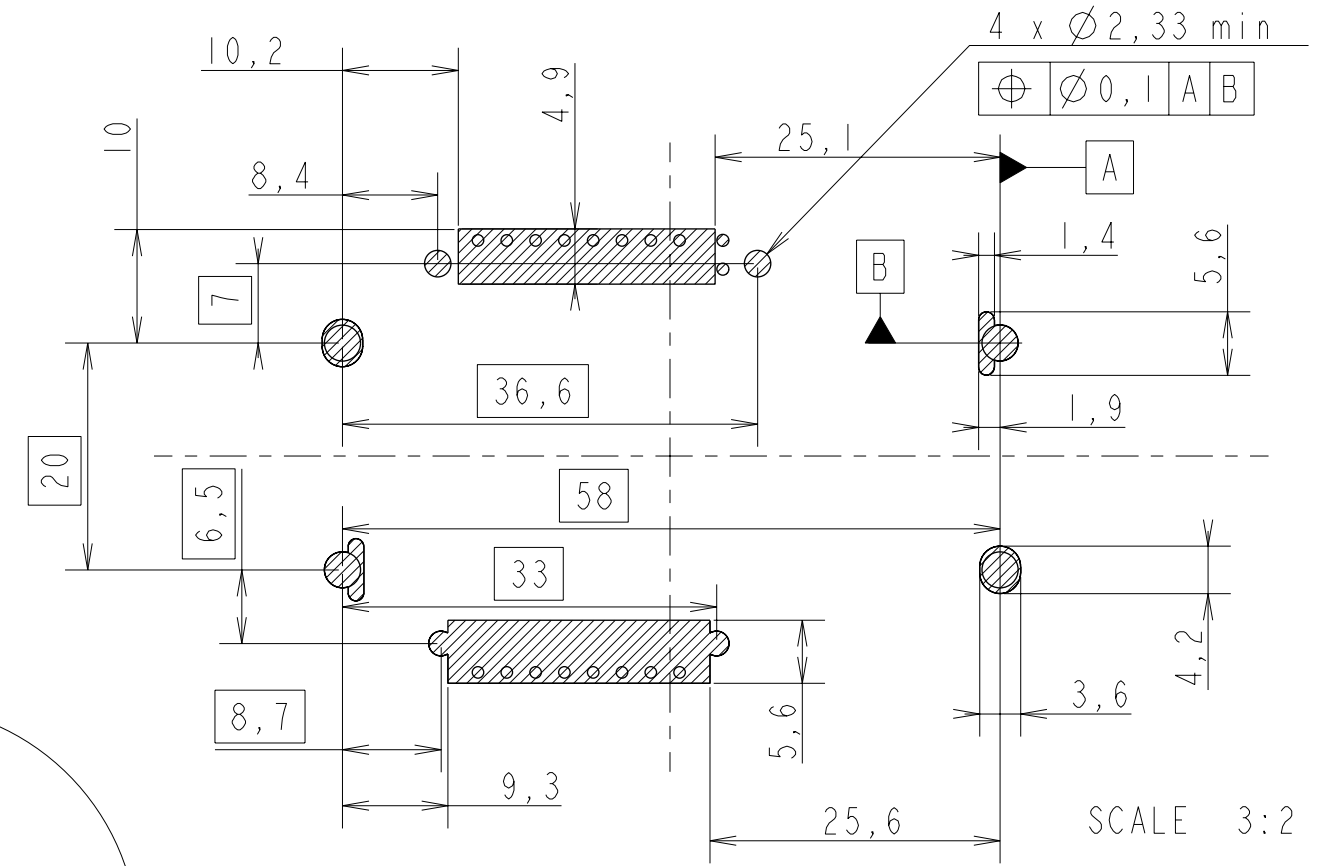
www.fciconnect.com				surface - 		tolerance std ISO 1302 ISO 406 ISO 1101		projection 			
				TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	N. TWINCY	2002/04/30		ANGULAR	LINEAR	0.X	±	size A2	Scale 5:2		
Eng	F. TISSERAND	2002/04/30				0.XX	±				
Chr	RAMESH.P.K	2009/04/15				0.XXX	±				
Appr	S.S.CHERIAN	2009/04/15		Product family		SMART CARDS		Spec ref		109-0057 SEE NOTES	
				title L26 TYPE F13				dwg no VJW_54825		Rev. F	
				--							
				catalog no							
				See Table				-		sheet 1 of 2	

RECOMMENDED PCB LAYOUT

CONTACT CONFIGURATION : ISO & AFNOR
(CONNECTOR SIDE)



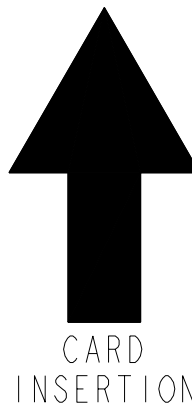
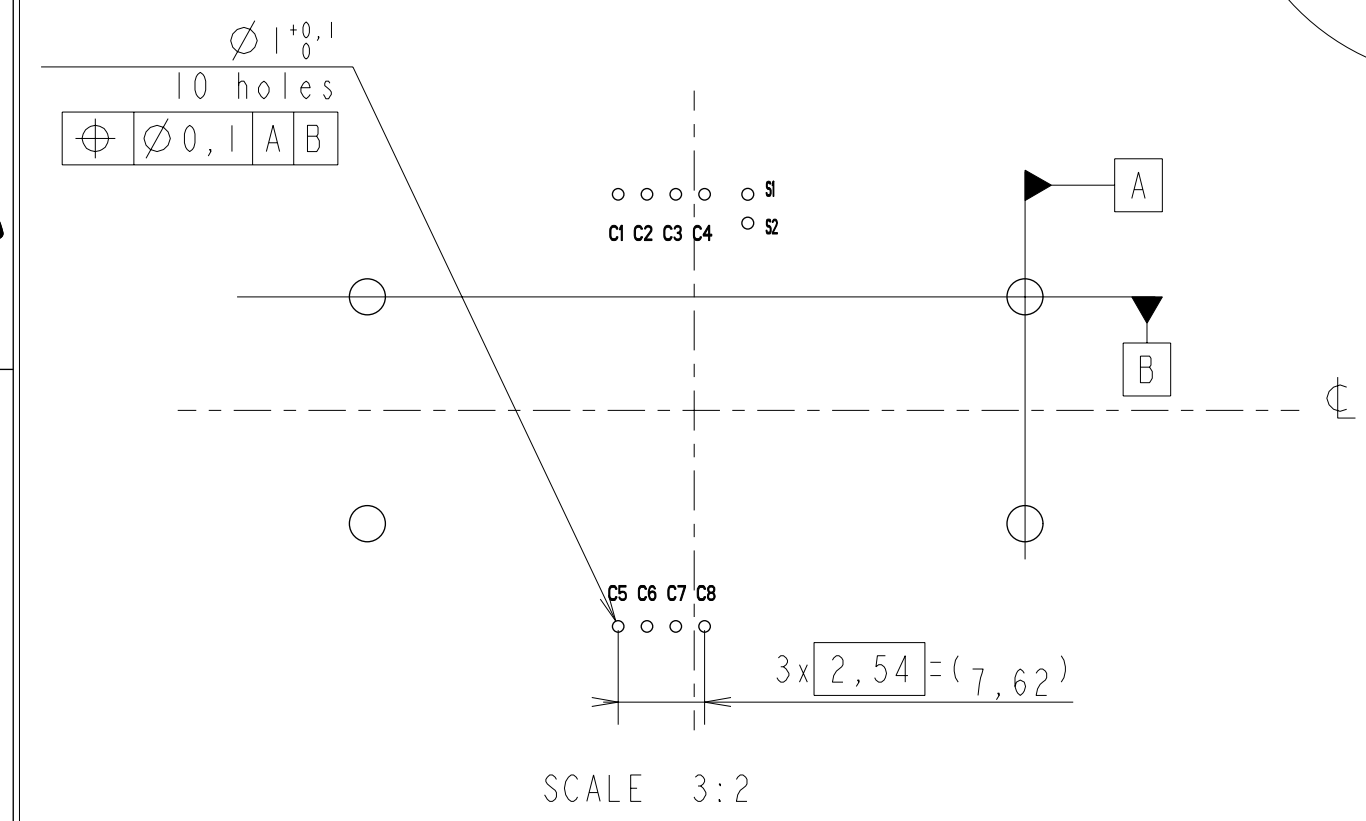
STANDARD LAYOUT FOR 'KEEP OUT ZONE' (Connector Side)



Hatching area might be free of components
Maximum free space outside of these zones = 6.4 mm

RECOMMENDED PCB LAYOUT

CONTACT CONFIGURATION : ISO
(CONNECTOR SIDE)



CARD
INSERTION

EUROPEAN PROJECTION

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection A3	mm
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	N.TWENCY	2002/04/30	ANGULAR	LINEAR	0.X	±
Eng	F TISSERAND	2002/04/30			0.XX	±
Chr	RAMESH.P.K	2009/04/15	0°	±°	0.XXX	±
Appr	S.S.CHERIAN	2009/04/15	Product family		SMART CARDS	Spec ref
title			L26 TYPE F13		dwg no	Rev.
catalog no			See Table		VJW_54825	F
					sheet 2 of 2	