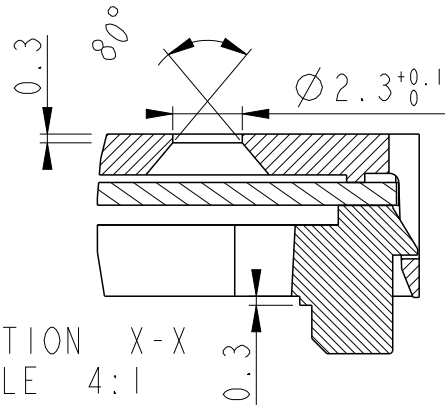
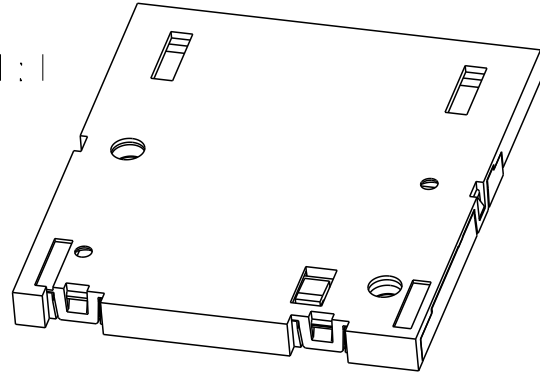


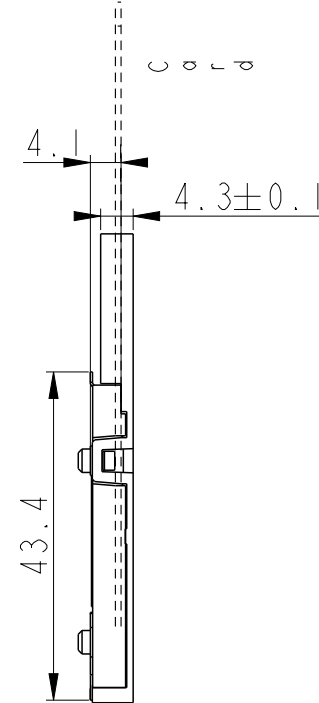
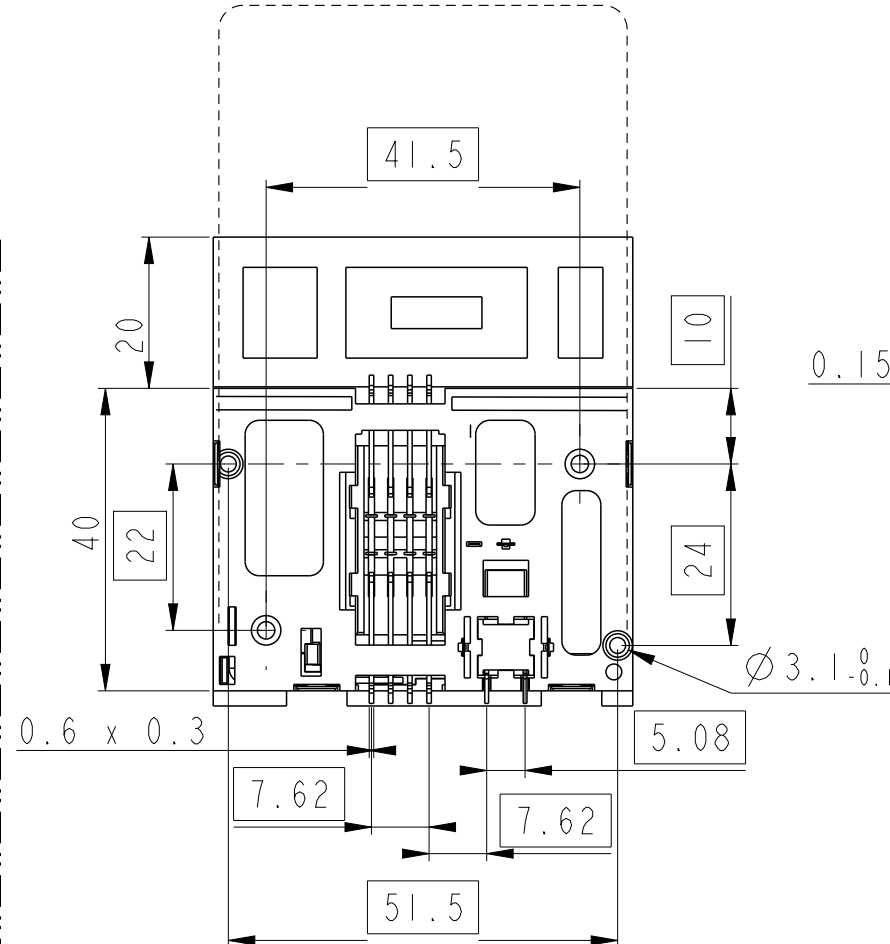
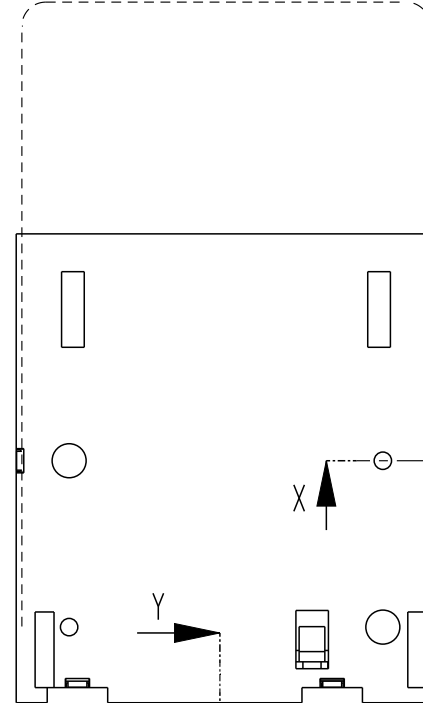
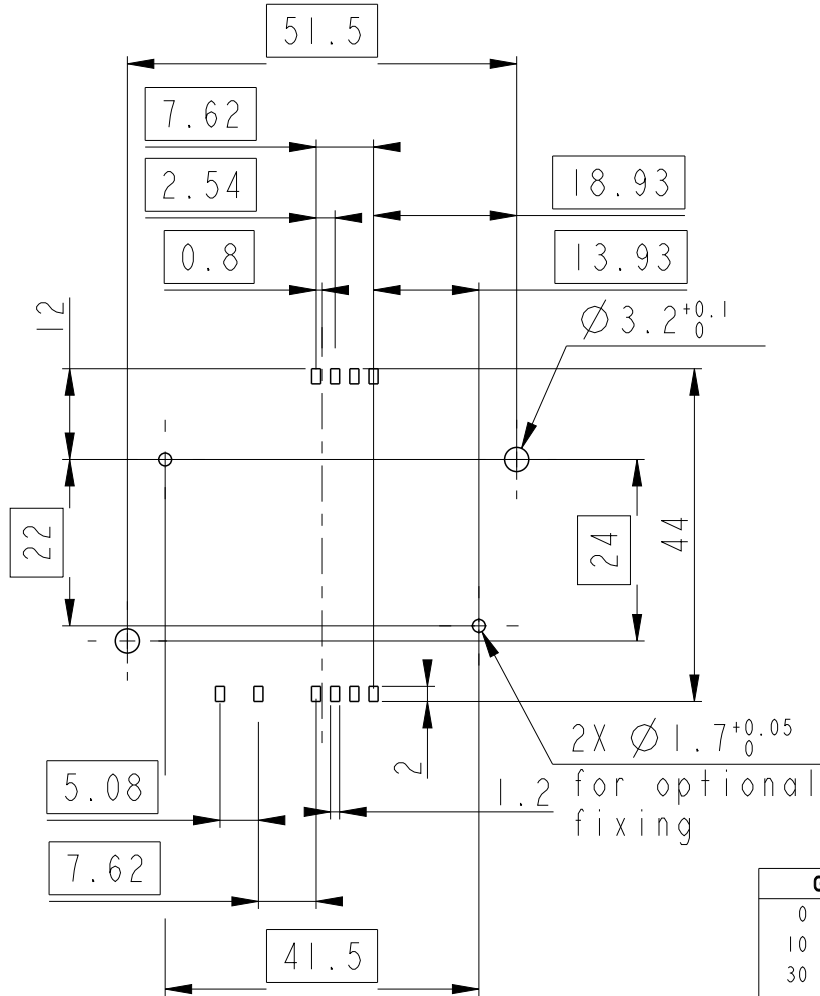
PART NUMBER 7312E0525S01LF

SCALE 1:1



SECTION X-X  
SCALE 4:1

Recommended PCB Layout  
(Component side)



GENERAL :

High cycle life duration smart card connector with landing type contacts mechanism. The landing type connector also provides the feature of recessed contacts when card is not inserted which protects them against vandalism. Smart card for reference purposes only.

ELECTRICAL PROPERTIES:

Insulation resistance : > 1000MΩ  
Dielectric withstanding voltage : > 750 Vrms  
Current carrying capacity : Min 10μA, Max 1A  
Contact resistance : < 100mΩ

MECHANICAL PROPERTIES :

Operating force : Insertion : F < 10N  
Withdrawal : 1 < F < 10N  
Contact Normal force : 0.2 < F < 0.3 for 0.6mm of deflection  
Durability : 200 000 mating cycles

MATERIAL :

Head reader : High temp. Thermoplastic, Colour Black, Rated UL94V0  
Cover : Thermoplastic, Colour black, Rated UL94V0  
Contacts : Copper alloy,  
Plating : 2.5μm Nickel min. all over  
2μm Gold min. or equivalent on contact area  
3μm matte tin min. on solder tails (for lead free version)

ENVIRONMENT :

Operating temperature : -40°C / +85°C  
Climatic conditions : UTE 93-421

PACKAGING :

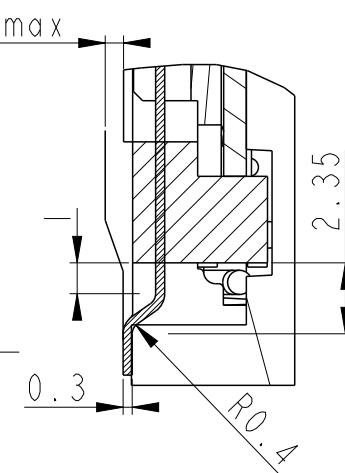
READER: Plastic Cavity Tray  
COVER : Separately in SACHET 400x600  
240cnrs/box, 120cnrs/sachet

LEAD FREE VERSION :

"This product meets European Union Directives and other country regulations as described in GS-47-0004"

The reader housing (not cover) will withstand exposure to 260°C peak temperature for 10 seconds in a convection reflow oven.

SECTION Y-Y  
SCALE 4:1



spec ref	--	dr	P-Mathew Nebu	2011/05/04	projection	mm	size	A3	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Ashok, Abhiman	2018/07/20	chr	-	ecn no	ELX-I-30746-1	rel level	Released
		appr	K-Paul Biju	2018/07/20	product family	MOBILE I/O	rel level	Released		
General Tolerances		TOLERANCES UNLESS OTHERWISE SPECIFIED		Amphenol FCI		8 POS. SMT E05 WITH PEGS		VJW53787		rev
0 to 10mm: ±0.1mm		linear		SMART CARD READER VXX 27787		cat. no.		Product - Customer Drw		sheet 1 of 1
10 to 30mm: ±0.15mm		angular		See Table		STATUS: Released		Printed: Jul 20, 2018		
30 to 60mm: ±0.2mm										
60 and more: ±0.3mm										