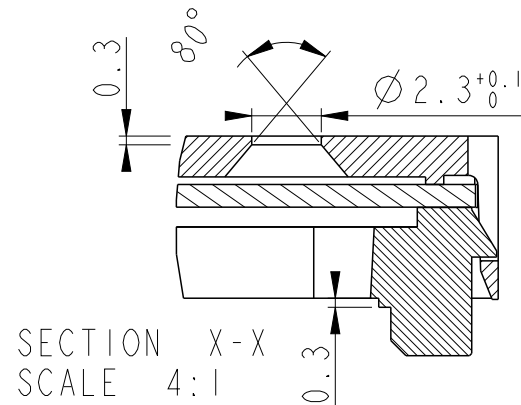
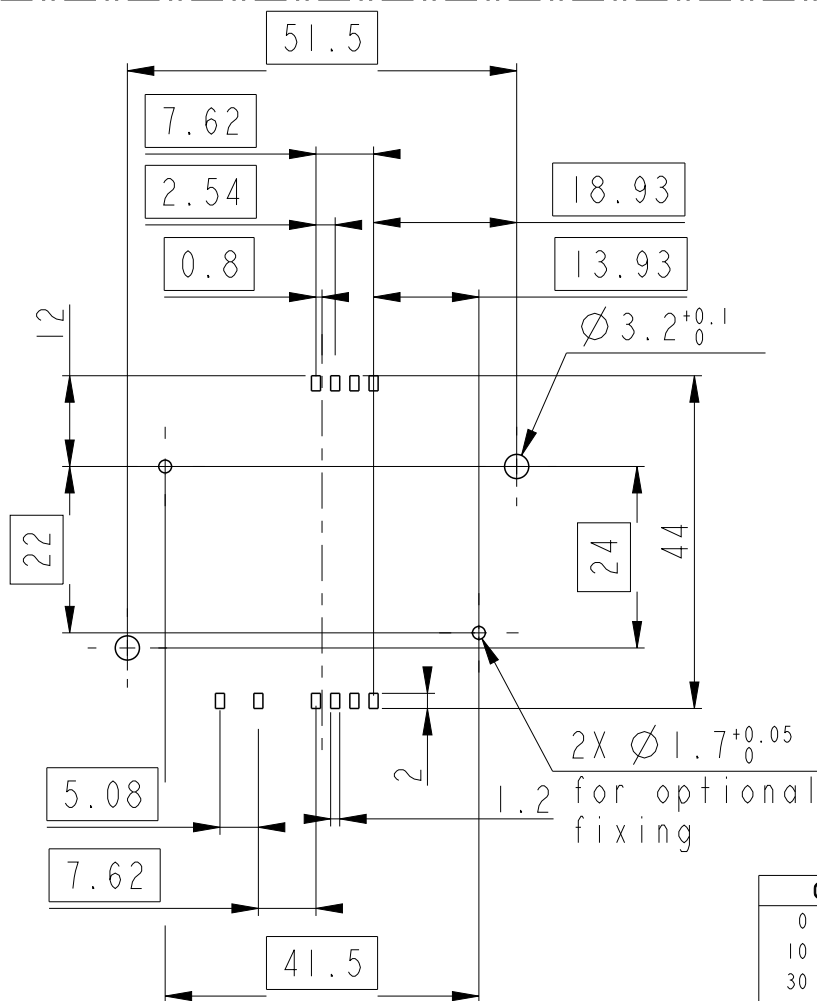


SCALE 1:1

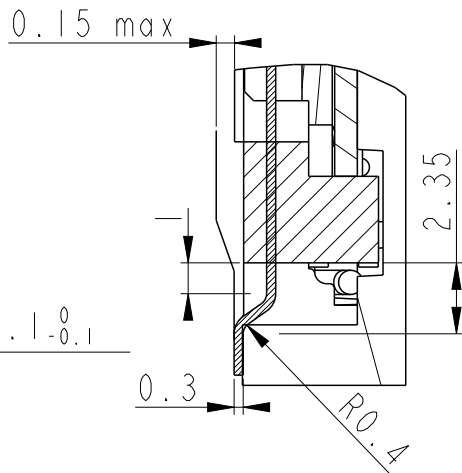
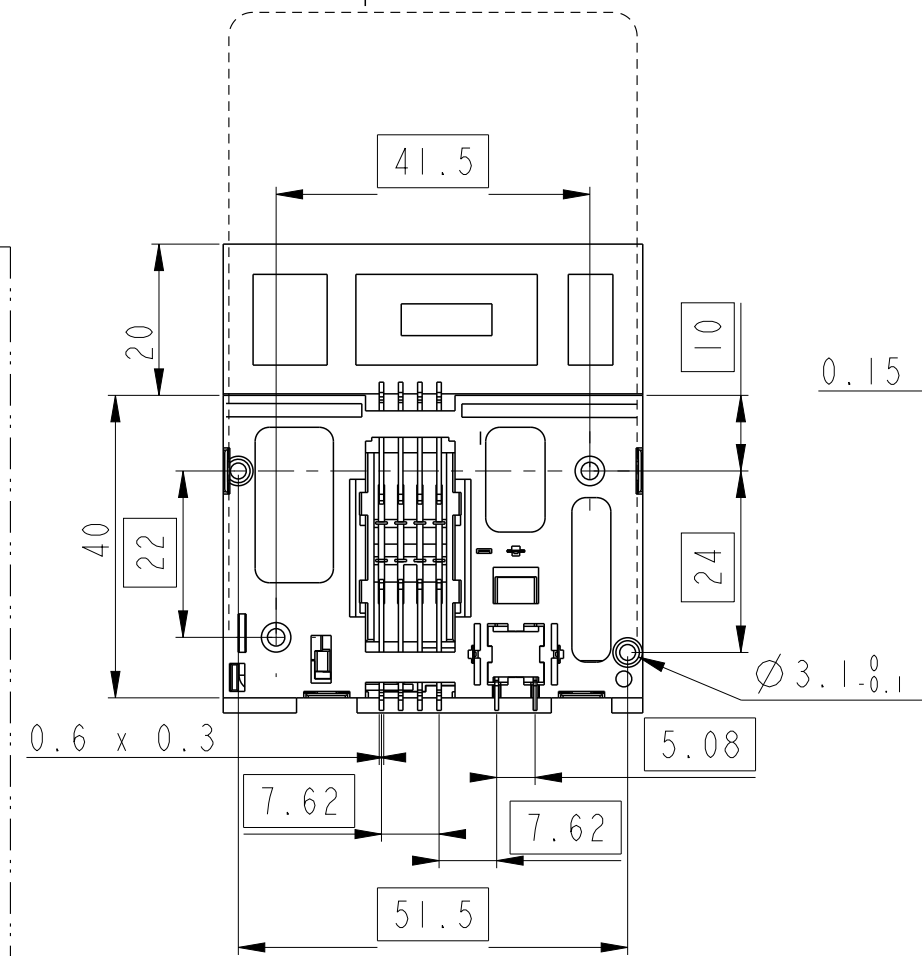
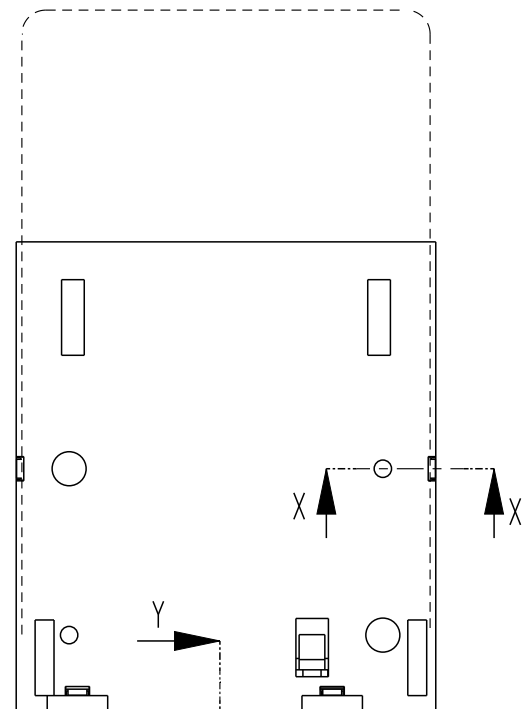


SECTION X-X
SCALE 4:1

Recommended PCB Layout (Component side)



General Tolerances	
0 to 10mm:	$\pm 0.1\text{mm}$
10 to 30mm:	$\pm 0.15\text{mm}$
30 to 60mm:	$\pm 0.2\text{mm}$
60 and more:	$\pm 0.3\text{mm}$



SECTION Y-Y
SCALE 4:1

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 : $F < 10\text{N}$
Withdrawal : $1 < F < 10\text{N}$
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

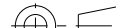
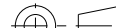


PACKAGING :

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 10seconds in a convection reflow oven.

spec ref		--		dr		P-Mathew Nebu		2011/05/04		projection				mm		size		A3		scale		1:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Ashok, Abhiman		2018/07/20						ecn no		ELX-I-30746-1											
ISO 406				chr		-		-																			
ISO 1101				appr		K-Paul Biju		2018/07/20		product family		MOBILE I/O		rel level		Released											
surface		--				linear		0.X		±		Amphenol FCi		title		8 POS. SMT E05 WITH PEGS		dwg no		VJW53787		rev		H			
ISO 1302		0.XX																								±	
		0.XXX																								±	
		angular		0°		±°						cat. no.		See Table		Product - Customer Drw		sheet 1 of 1									

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