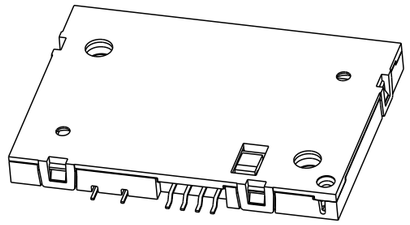
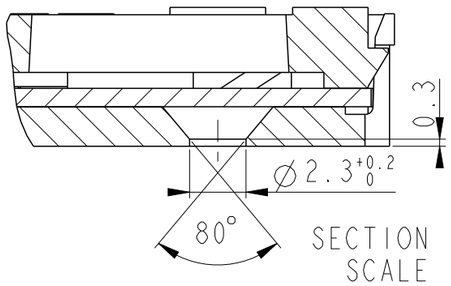
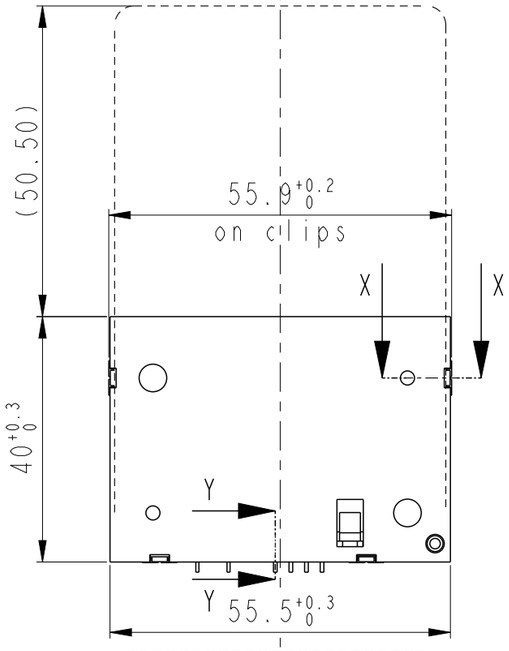
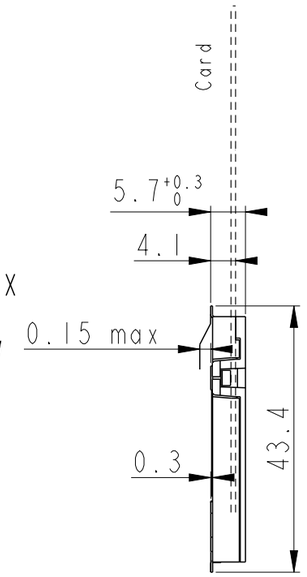
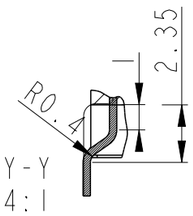




SECTION X-X
SCALE 4:1



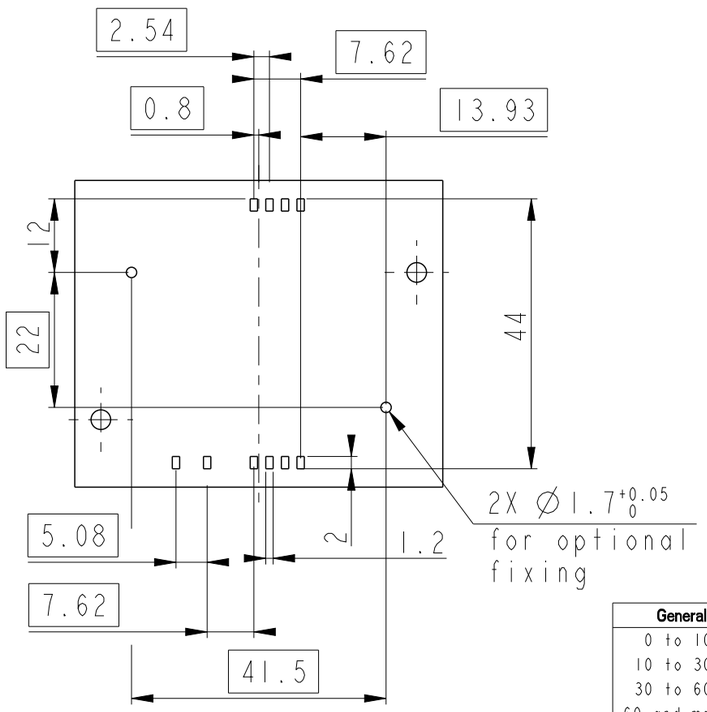




SECTION Y-Y
SCALE 4:1

card insertion direction

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
Curent 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 : 500,000 mating cycles

MATERIAL :
Head reader : High temp. Thermoplastic, Black, Rated UL94V0
Cover : High temp. Thermoplastic,Colour. Black, Rated UL94V0
Contacts : Copper alloy,
Plating : Nickel min. all over
Gold/Equivalent PdNi on contact area
Matte tin min. on solder tails

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

PACKAGING :
Plastic cavity tray

LEAD FREE VERSION:

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

The housing will withstand exposure to 260°C peak temperature for 10seconds in a convection reflow oven.

PART NUMBER: 7X11E0225S01001LF

X	PACKAGING TRAY TYPE
3	CNR VERTICAL ORIENT-TRAY-QTY-60
5	CNR HORIZONTAL ORIENT-TRAY-QTY-20

General Tolerances	
0 to 10mm:	±0.1mm
10 to 30mm:	±0.15mm
30 to 60mm:	±0.2mm
60 and more:	±0.3mm

spec ref	--			
tolerance std	ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		
surface	-- ISO 1302	linear	0.X	±
			0.XX	±
			0.XXX	±
		angular	0°	±°

dr	P-Mathew Nebu	2014/02/26	projection	mm
eng	P-Mathew Nebu	2019/09/27		
chr	-	-		
appr	Kuriakose, San	2019/09/27	product family	MOBILE I/O

size	A3
scale	1:1
ecn no	ELX-I-34103-1
rel level	Released

Amphenol FCi

title	8 POS. SMT E02 WITHOUT PEGS SMART CARD READER - EXTENDED TYPE
dwg no	10128659
rev	B
cat. no.	-
	Product - Customer Drw
sheet	1 of 1

Creo File - REV E - 2016-02-12

PDS: Rev :B STATUS:Released Printed: Sep 27, 2019