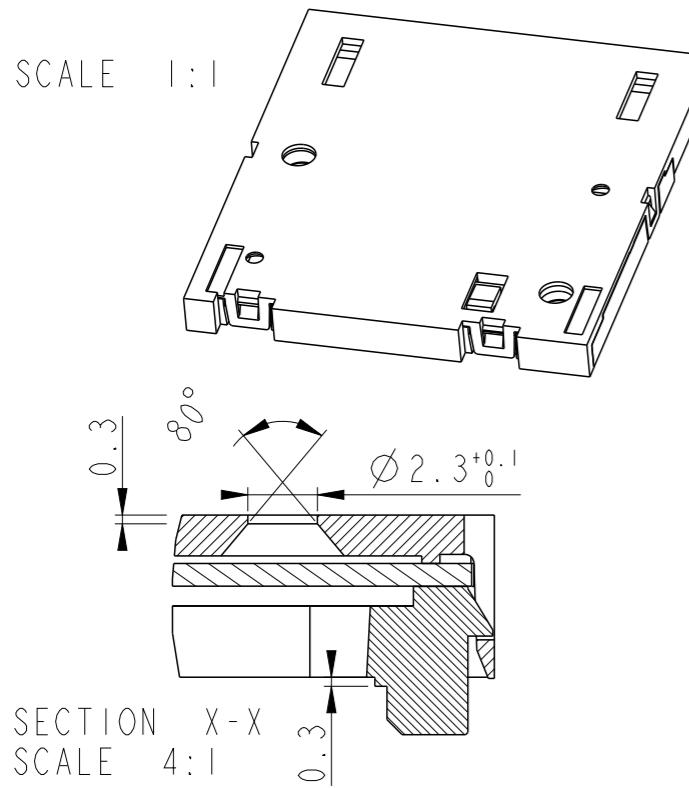
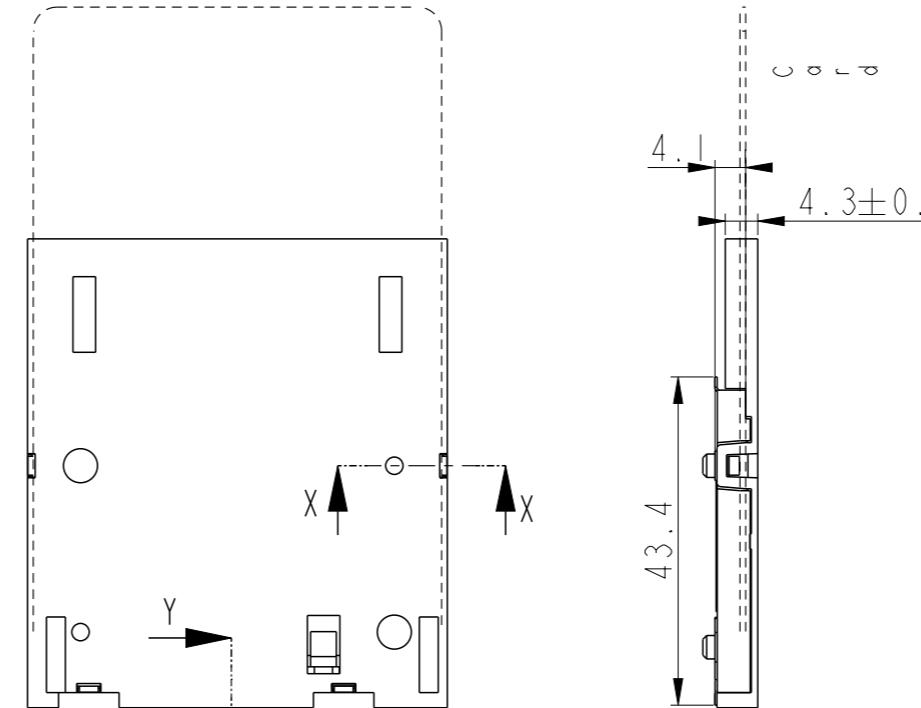


PART NUMBER 7312E0525S01LF

A



B



3

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 : $> 1000M\Omega$
Dielectric withstanding voltage : > 750 Vrms
Current carrying capacity : Min 10 μ A, Max 1A
Contact resistance : $< 100m\Omega$

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 : 2.5 μ m Nickel min. all over 2 μ m Gold min. or equivalent on contact area 3 μ m matte tin min. on solder tails(for lead free version)

ENVIRONMENT :

Operating temperature : $-40^{\circ}C / +85^{\circ}C$
Climatic conditions : UTE 93-421

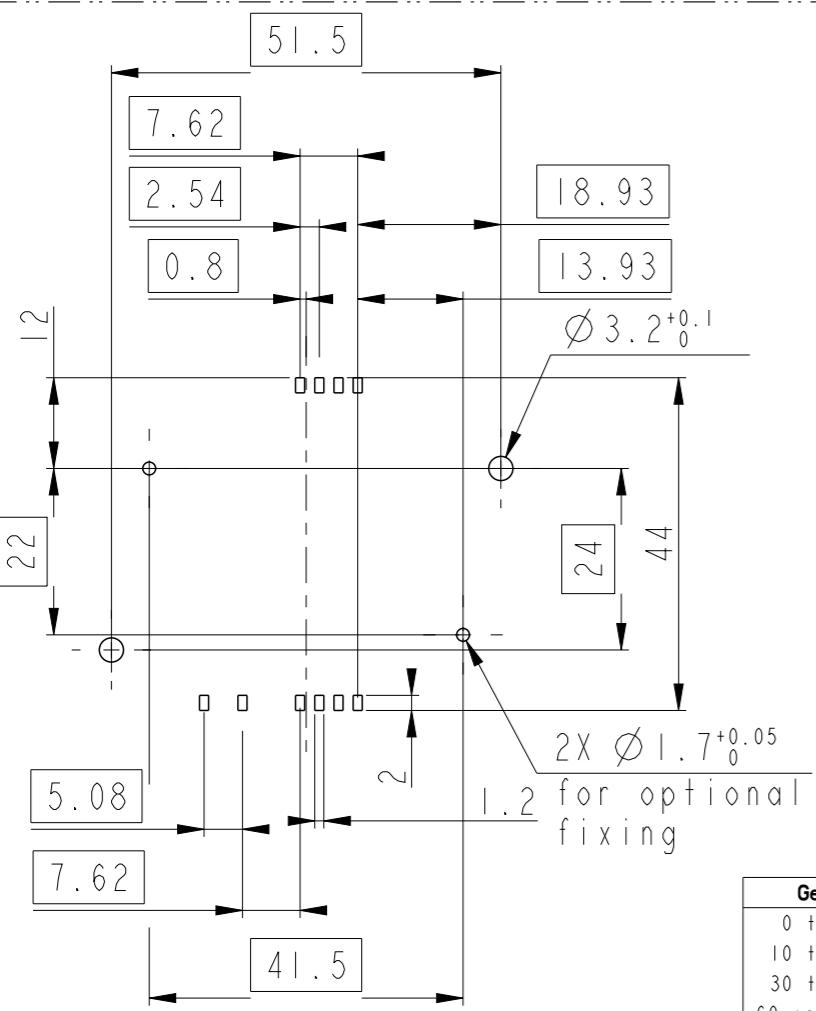
PACKAGING :

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

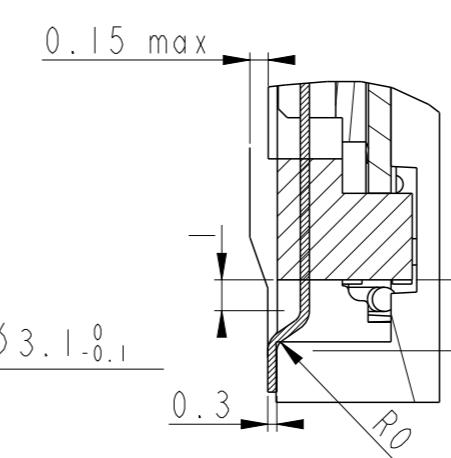
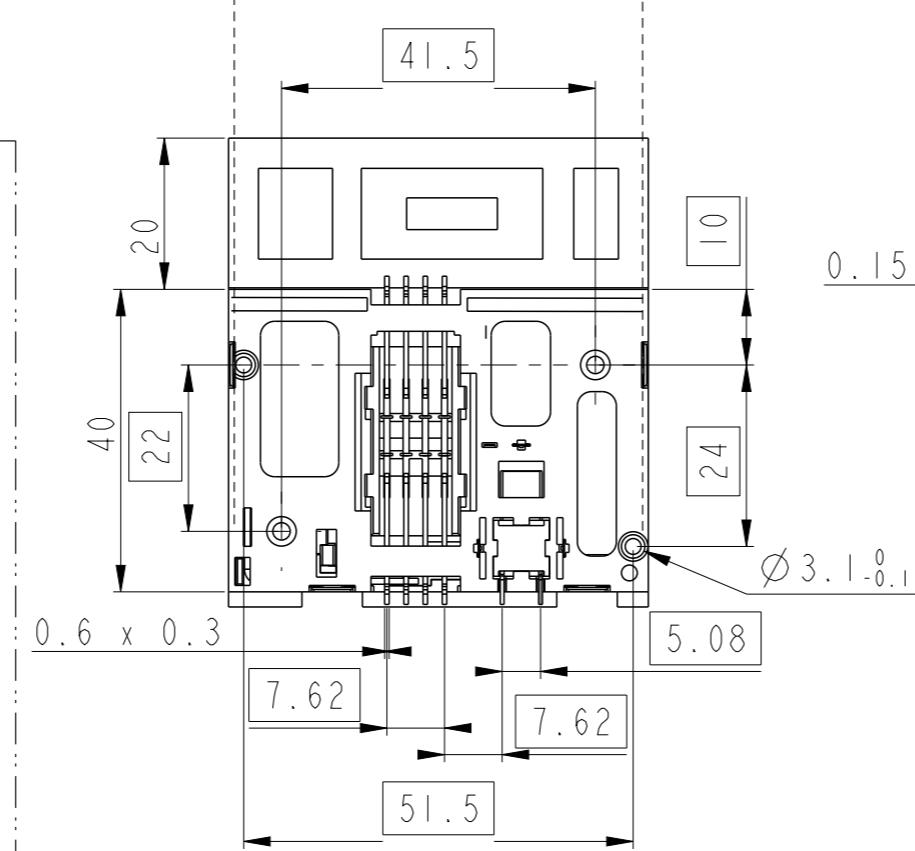
LEAD FREE VERSION:

"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.

**Recommended PCB Layout
(Component side)**

C 2016 AFCi



SECTION
Y-Y
SCALE 4:1

spec ref	dr	P-Mathew Nebu	2011/05/04	projection	mm	size	scale			
tolerance std	eng	Ashok, Abhiman	2018/07/20	product family	MOBILE 1/0	ecn no	ELX-I-30746-1			
ISO 406	chr	-	-							
ISO 1101	appr	K-Paul Biju	2018/07/20							
surface	linear	0.X	±	Amphenol FCi						
		0.XX	±	8 POS. SMT E05 WITH PEGS						
		0.XXX	±	SMART CARD READER VXX 27787						
ISO 1302	angular	0°	±°	cat. no.		See Table	Product - Customer Drw			
				dwg no		VJW53787	rev H			
				sheet 1 of 1						

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