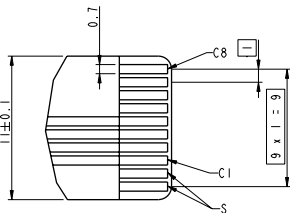
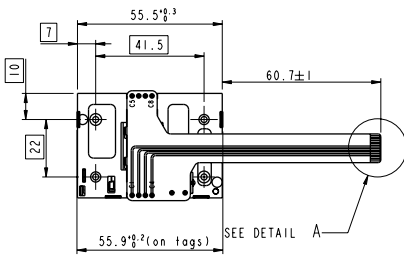
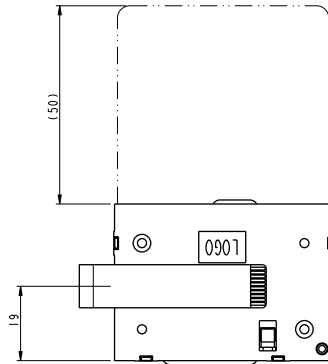
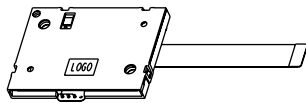
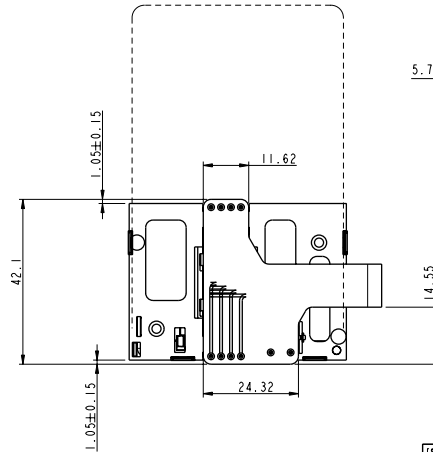


PART NUMBER	LEAD FREE VERSION
T361E0225S16	T361E0225S16LF



DETAIL A
SCALE 5:1



DETAIL B
SCALE 5:1

GENERAL:
High cycle life duration smart card connector with loading type contacts mechanism. The loading 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 10mA, 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 : High temp. Thermoplastic, Colour Grey, Rated UL94V0
Contacts : Copper alloy
Plating : 2.5µm Nickel min. all over
2µm Gold min. on contact area
3µm SnPb(60/40) min. on solder tails (for leaded version)
3µm matte tin min. on solder tails (for lead free version)

ENVIRONMENT:
Operating temperature : -40°C / +90°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-22-008

Copyright FCI

Rev	Chg No	By	Date
A	LS3031	JTA	03/03/26
B	LS3037	MPC	23/09/17
C	LS3068	MPC	03/10/16
D	104-0051	DTX	04/07/13
E	105-0181	NT	05/10/14
F	106-0078	DTX	06/06/19

Dr	TARON	02/12/10
Eng	TARON	02/12/10
Chr	DILIP THOMAS	06/06/19
Appr	A. V. SIVADASI	06/06/19

www.fciconnect.com	Surface 150 1202	Tolerance 150 400 150 1101	Projection	mm
	TOLERANCES UNLESS OTHERWISE SPECIFIED			
	ANGULAR	0.X	±	3/24
	LINEAR	0.XX	±	ECN
		0.XXX	±	106-0078
		0.000	±	
		0.001	±	
		0.002	±	
		0.005	±	
		0.010	±	
		0.020	±	
		0.050	±	
		0.100	±	
		0.200	±	
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