



PARTS NUMBER	LEAD FREE
7361E0225S17	7361E0225S17LF

GENERAL :
 High cycle life duration smart card connector with semi landing type contacts mechanism.
 Smart card for reference purpose 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 < 0.5N for 0.6mm of deflection
 Durability : 50 000 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

ENVIRONMENT :
 Operating temperature : -20°C / +70°C
 Storage temperature : -40°C / +85°C
 Climatic condition : UTE 93-421

PACKAGING :
 Cavity tray

LEAD FREE VERSION:
 "This product meets European Union Directives and other country regulations as described in GS-22-008."

FLEX DETAILS
 Base Film: Polyamide
 Conductor: Copper Foil 25-40μm
 Coverlay: Save varnish
 Plating: Gold Flash

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

www.fciconnect.com			surface -- ✓ ISO 1302	tolerance std ISO 406 ISO 1101	projection mm
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	DILIPTHOMAS	2005/05/11	ANGULAR 0° ±	0.x	±
Eng	DILIPTHOMAS	2005/05/11		0.xx	±
Chr	S.S.CHERIAN	2008/07/25		0.xxx	±
Appr	S.S.CHERIAN	2008/07/25	Product family	MOBILE I/O	Spec ref
FCI			E02 CARD READER-U FLEX		Rev.
			PROTECTED SLIDING		C
catalog no			SEE TABLE	CUSTOMER	sheet 1 of 1

rev	ecn no	dr	date
2	-	DTK	2005/11/03
A	106-0025	DTK	2006/03/01
B	106-0084	SSC	2006/06/21
C	108-0092	SSC	2008/07/25