

CATALOG NUMBER

7832C042RX01

GENERAL

The C04 type connector is suitable for application which need high durability and contacts protected against vandalism

ELECTRTICAL PROPERTIES

Insulation resistance : $\geq 1000\text{M}\Omega\text{hms}$
Dielectric withstanding voltage : $\geq 1000\text{Vrms}$
Contact resistance : $\leq 100\text{m}\Omega\text{hms}$
Current carrying capacity: min $10\mu\text{A}$, max 1A

MECHANICAL PROPERTIES

Contact normal force : $0,5\text{N}$ max. per contact
Durability : >300000 cycles (UTE C 93-421)

MATERIAL

Housing : PC, colour black, Rated UL94V0
Contacts : CuSn8P
Plating: Inlay trialloy
(Gold, Silver, Palladium)
Solder tails: 3μ mini SnPb (60/40)

ENVIRONMENT

Operating temperature : -40°C / $+90^\circ\text{C}$

MARKING

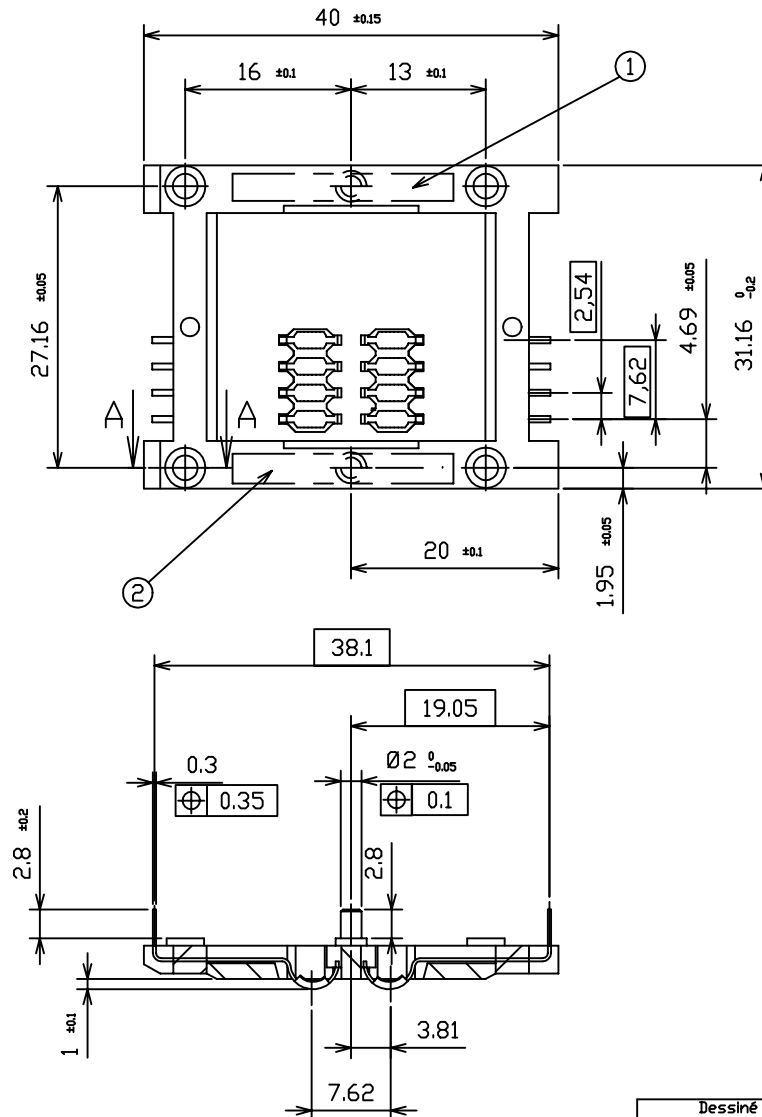
1 FCI Logo, Date code Year-week
2 Catalog number

PACKAGING

Tray

APPLICABLE DOCUMENT

Product specification: VGN 11571



Card
Insertion

A-A

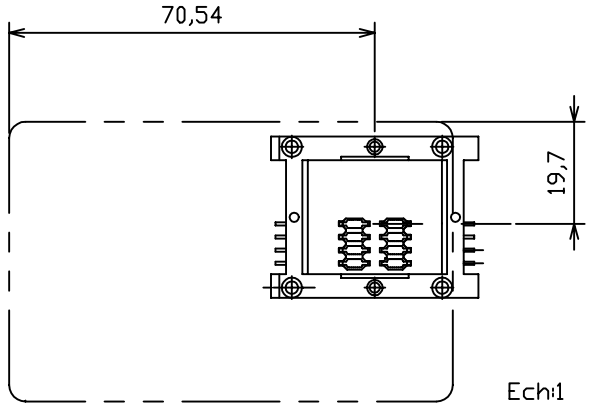
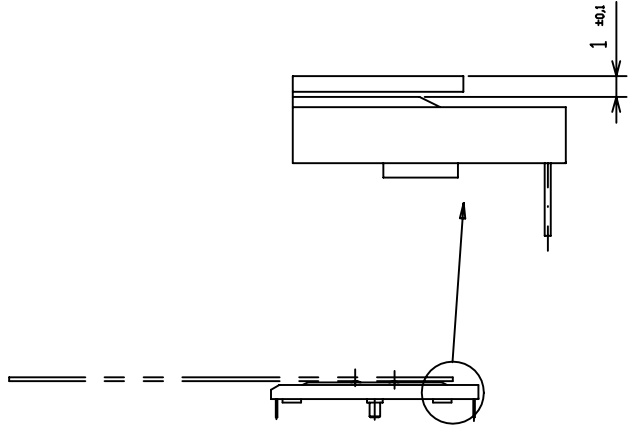
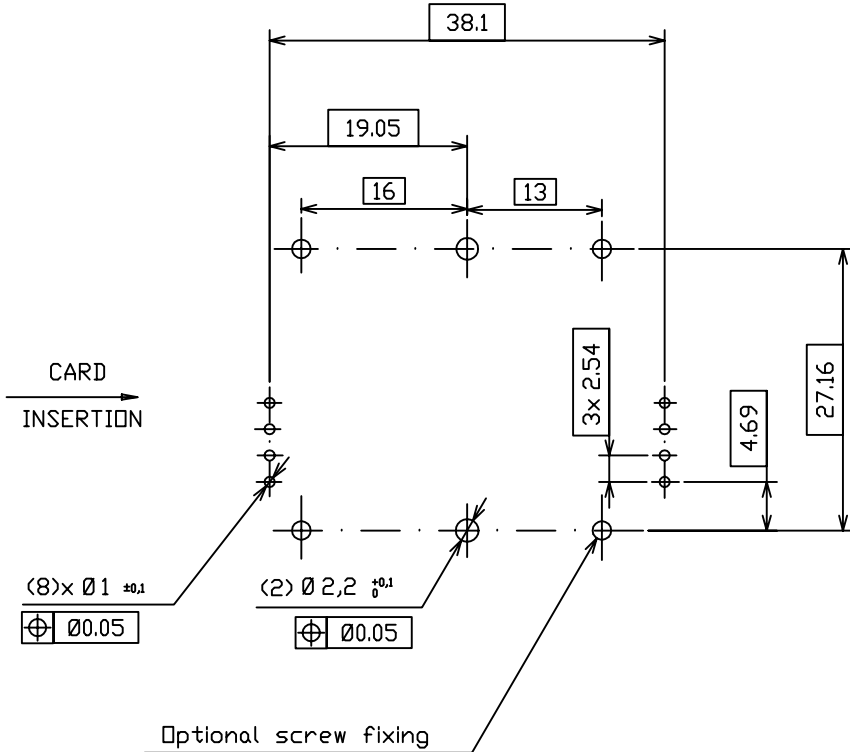
Tol.Gen: ± 0.1

Dessiné / Drawn M.PERNET	Vérifié / Checked M.MANDRE	Approuvé / Approved G.CAMACHO	-	-
ECHELLE/SCALE 2	Dossier/ File: VPP 1320		-	-
C04 HIGH DURABILITY CONNECTOR			-	-
8 CONTACTS			-	-
FCI ELECTRONICS			-	-
FRAMATOME CONNECTORS PONTARLIER			-	-
Rue Claude CHAPPE BP19			-	-
25301 PONTARLIER CEDEX - FRANCE			-	-
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IN ALL CASE,WE GUARANTY THE FUNCTIONING OF THE CONNECTOR WITH
A MAXIMUM DISTANCE BETWEEN THE CARD READER AND THE CARD OF 1mm

IMPLANTATION C.I

PCB FOOTPRINT



Tol.Gen:±0,1

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