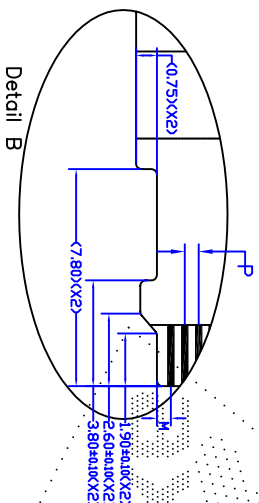
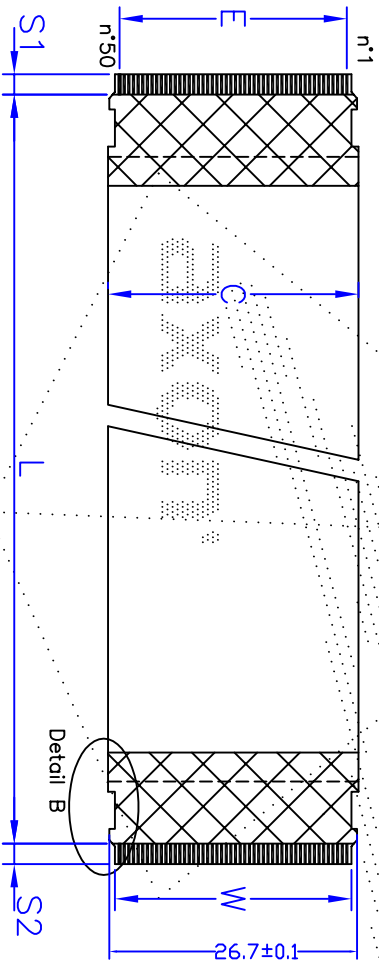
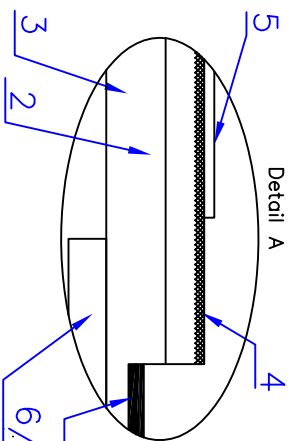
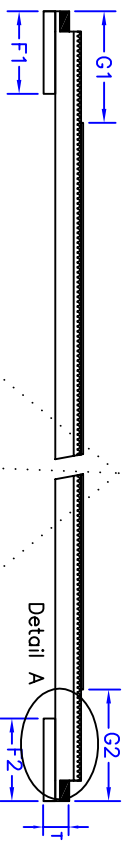
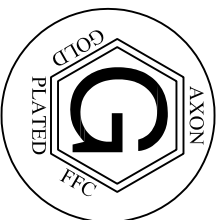


REV	MODIFICATIONS	DRAWN BY	CHECKED BY	DATE
A	CREATION	AIC	GT	16/08/10



CHARACTERISTICS



ITEMS	VALUE	TEST METHOD
Resistance of conductor	3164 Ohm/km maxi	-
Conductor to conductor insulation resistance	10 MOhm.m mini	100 V DC
Dielectric test (conductor to conductor)	1 minute	100 V AC
Temperature rating	80 °C	-
Voltage rating	30 V AC maxi	-
Flame resistance	VW - 1	UL 758
Differential impedance	100 Ω ± 10 Ω	-

COMPOSITION

COMPONENTS	UNITS	SPECIFICATIONS	Item
Conductor	Material	Gold plated copper (0.3µm min Ni / 0.05µm min Au)	1
	Dimensions	0,23x0,055 mm nominal	
Insulation	Material	Polyester + flame retardant adhesive insulation	2 3
	Thickness	0,100 mm nominal	
Reinforcement tape	Material	Polyester + flame retardant adhesive insulation	6/7
	Thickness	0,180 mm nominal	
Insulated Aluminium tape	Material	Aluminium/Adh/PET/PE Adh	4
	Thickness	0,105 mm nominal	
Insulation	Material	Polyester + flame retardant adhesive insulation	5
	Thickness	0,037 mm nominal	

DIMENSIONS

ITEMS	UNITS	SPECIFICATIONS
Number of conductors	-	50 (54-4)
Pitch	MM	0,50 ± 0,05
Span	MM	24,50 ± 0,05
Total end width	MM	25,50 ± 0,07
Margin	MM	0,50 ± 0,08
Strip length	MM	2,2 ± 0,50
Strip length	MM	2,2 ± 0,50
End thickness	MM	0,30 ± 0,05
Grounding end position	MM	5,5 mini
Grounding end position	MM	5,5 mini
Reinforcement length	MM	8,0 ± 2,0
Reinforcement length	MM	8,0 ± 2,0
Width in center	MM	27,50 ± 0,15
Insulated length	MM	395,60 ± 5

PRELIMINARY DRAWING

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS : MM ANGLES : d.

CUSTOMER N°
Leica Geosystems

FILE N°
A16737A1.dwg

TITLE
FCC0.50A54/0396H2.2-2.2-8-8-FAUJ/-4cond/NZ/LVDS-FH41

AXON CABLE SA
51210 MONTMIRAIL - FRANCE
TEL : +33 3 26 81 70 00
FAX : +33 3 26 81 28 83
www.axon-cable.com

SIZE
A4

AXON SA N°
A16737A1

SCALE : ND.

REV
Prod. Doc.

SHEET 1 of 1