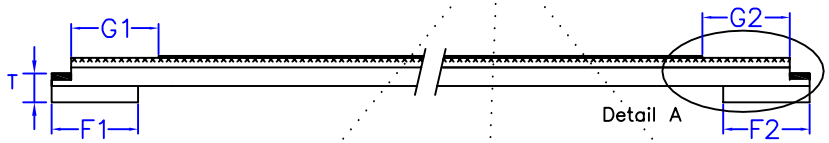
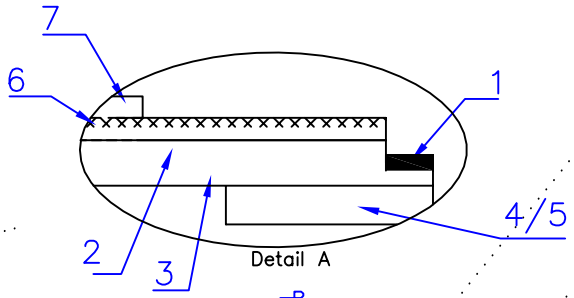
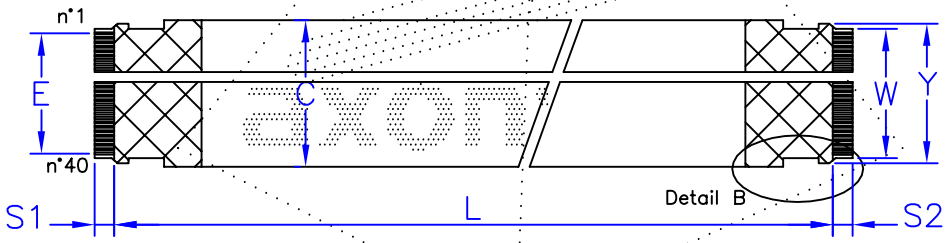
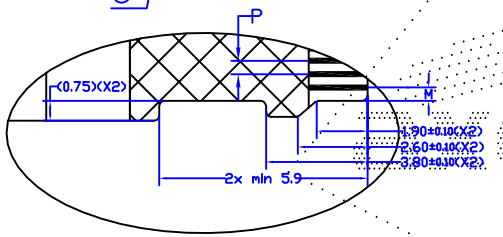
REV	MODIFICATIONS	DRAWN BY	CHECKED BY	DATE
AA	CREATION	JZ	ToH	16/02/16









Grounding area

CHARACTERISTICS

ITEMS	VALUE	TEST METHOD
Resistance of conductor	1950 Ω/km maxi	–
Conductor to conductor insulation resistance	10 MΩ.m mini	200 V DC
Dielectric test (conductor to conductor)	1 minute	200 V AC
Temperature rating	80 °C	–
Voltage rating	60 V AC maxi	–
Flame resistance	VW – 1	UL 758
Differential Impedance	100 ± 10 Ω	–

COMPOSITION

COMPONENTS		UNITS	SPECIFICATIONS	Item
Conductor	Material	–	Golden contacts (0,3µm Ni/0,05µm Au min)	1
	Width	MM	0,23 mm nominal	
	Thickness	MM	0,055 mm nominal	
Insulation tape	Material	–	Polyester+flame retardant adhesive insulation	2
	Thickness	MM	0,100 mm nominal	
Insulation tape	Material	–	Polyester+flame retardant adhesive insulation	3
	Thickness	MM	0,100 mm nominal	
Reinforcement Tape	Material	–	Blue Polyester	4/5
	Thickness	MM	0,155 mm nominal	
Aluminum tape	Material	–	Polyester/Aluminium/Adhesive	6
	Thickness	MM	0,119 mm nominal	
Insulation tape	Material	–	Polyester + FR adhesive insulation	7
	Thickness	MM	0,043 mm nominal	

AXON' GOLD PLATED FFC

PRELIMINARY DRAWING

DIMENSIONS

ITEMS	UNITS	SPECIFICATIONS	
Study		SJ16177A	
Number of conductors		40 (=44–4)	
Span	MM	19,50 ± 0,05	E
Width	MM	20,50 ± 0,07	W
Total end width	MM	22,50 ± 0,15	C
Width ears	MM	21,70 ± 0,10	Y
Pitch	MM	0,50 ± 0,05	P
Margin	MM	0,50 ± 0,08	M
Strip length	MM	2,20 ± 0,50	S1
Strip length	MM	2,20 ± 0,50	S2
Shielding position	MM	6,00 ± 2,00	G1
Shielding position	MM	6,00 ± 2,00	G2
End thickness	MM	0,30 ± 0,05	T
Reinforcement length	MM	7,00 ± 1,50	F1
Reinforcement length	MM	7,00 ± 1,50	F2
Insulated length	MM	96 ± 3,00	L

UNLESS OTHERWISE SPECIFIED. DIMENSIONS : MM ANGLES : d.

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CUSTOMER N° Leica (88892)

FILE N° SJ16177A.dwg

TITLE : FDC100–40/0096C

SIZE A4

SCALE : N.D.

AXON'SA N° SJ16177

REV A Prod. | A Doc.

SHEET 1 of 1

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