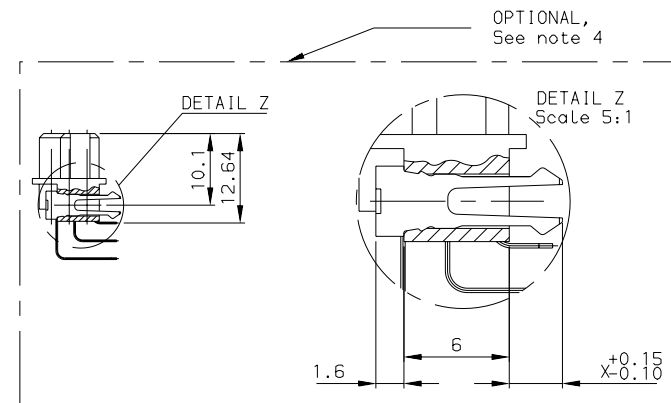
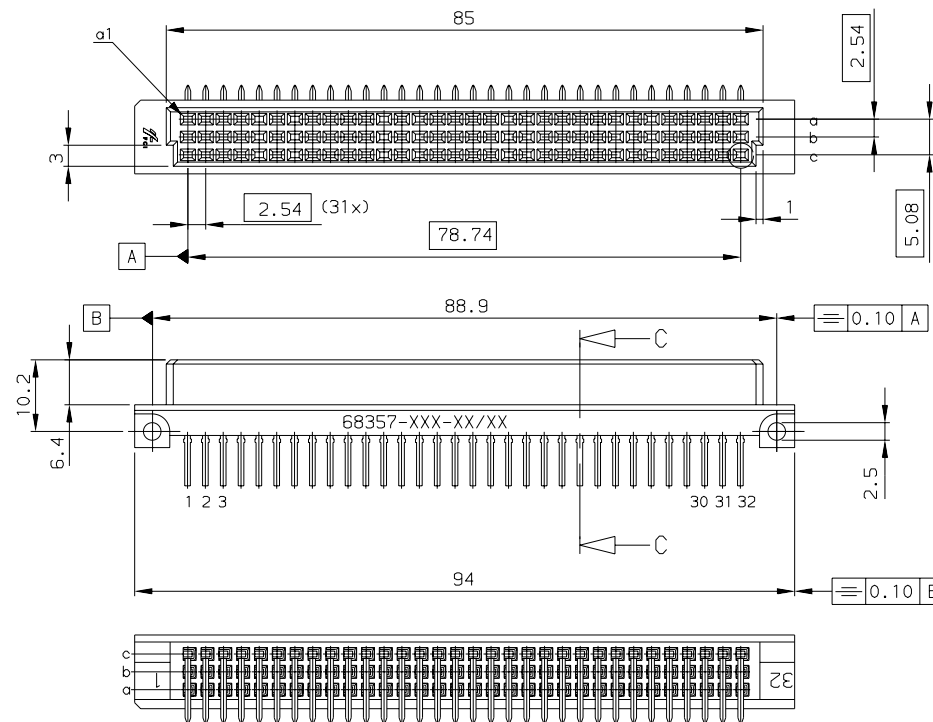


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PRODUCT NUMBER SEE NEXT SHEETS

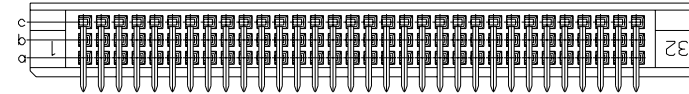


NOTES:

1. Material body: Thermoplastic polyester 30% glass filled, colour grey, Flame retardant per UL-94-V0. Material terminal: Phosphor bronze.
2. All dimensions are according to DIN 41612 style R.
3. Laser printing consists of 68357-XXX-01-XX/XX according to DIN 30640.
PRODUCT NR _____
PLATING CODE X _____
LOADING CODE _____
CLIP CODE (optional) _____
BATCH CODE or DATE YEAR/MONTHS _____
4. AS AN OPTION THE 68357 CONNECTOR IS AVAILABLE WITH A BOARD FIXING CLIP. THE P/N IS THEN 68357-XXX-01. SEE TABLE.

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		FCI ELECTRONIC	
see note 1		Linear		projection		www.fciconnect.com	
AB	LS2019 SJ	20020423		title		B.P. FEMALE	
AC	LS3019 Ph.L	031702		size		3x32 BOARD conn	
AD	LS3038 Ph.L	031004		product family		BACKPANEL	
dr. M. Visschers		900712		scale		2:1	
enr. M. Loman		900712		sheet		213	
chr. Ch Rouillard		20020423		sheet		1 of 7	
appd. Ph Legare		20020423		sheet		1 of 7	
sheet index	revision	AD	AD	AD	AD	AD	AD
2	3	4	5	6	7		

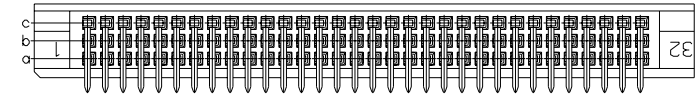
NOTE: This table corresponds to the termination end connectors view

[illegible]

W	0.5 μ m Au min over 3 μ m Ni min	Tin-Lead
X	2 μ m Au min over 3 μ m Ni min	Tin-Lead
Y	3 μ m Au min over 3 μ m Ni min	Tin-Lead
Z	1 μ m Au min over 3 μ m Ni min	Tin-Lead
PLATING CODE	PLATING OF CONTACT AREA	SOLDER TAB

mat'l. code see table		tolerances unless otherwise specified		CUSTOMER COPY		 ELECTRONIC www.falconconnect.com	
Ltr/en no/dn date		Linear		projection 		title	
AB LS2019 PJ 20020423				 mm		B.P. FEMALE	
AD LS3036 Sh.L03/10/04		angles		scale 1:1		board connector	
		dr M.Visschers 910104 eng M. Loman 950109		product family BACKPANEL		code 213	
		chr Ch RouiLLard 20020423 appd Ph Legare 20020423		size dwg no		sheet 2 of -	
sheet index		revision				A2 C02-68357	
sheet		sheet					

NOTE: This table corresponds to the termination end connectors view

[illegible]

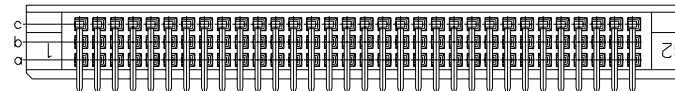
W	0.5 μ m Au min over 3 μ m Ni min	Tin-Lead
X	2 μ m Au min over 3 μ m Ni min	Tin-Lead
Y	3 μ m Au min over 3 μ m Ni min	Tin-Lead
Z	1 μ m Au min over 3 μ m Ni min	Tin-Lead
PLATING CODE	PLATING OF CONTACT AREA	SOLDER TAB

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		 ELECTRONIC www.fciconnect.com	
see table							
Ltr order no. & date		linear		projection		title	
AB LS2019 SJ 2020/2423						B.P. FEMALE	
AD LS3038 Ph.LS/03/10/04		angles				board connector	
		engr. M. Visschers 910104		product family BACKPANEL		code	
		mgr. M. Loman 951019		size dwg no		213	
		chr. Ch RouilLard 2020/2423		scale		sheet	
		appl. Ph Legare 2002/0423		1:1		A2 C03-68357	
sheet		revision				3 of 6	
index		sheet					

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NOTE: This table corresponds to the termination end connectors view



PRODUCT NUMBER	ROW	TERMINAL X PLACED IN POSITION																																DIM A	DIM B	PLATING CODE	COLOUR BODY	REMARKS
		32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1					
68357-041	c b a	X	X	X	X	X	X	X										X					X	X	X				X	X	X	X	X	3.30	1.74	Z	GREY	
68357-042	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X					X	X	X	X	X	2.90	1.31	W	GREY	
68357-043	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3.30	1.74	W	GREY	
68357-044	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3.30	1.74	W	GREY	
68357-045	c b a		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	2.90	1.31	Z	GREY	
68357-046	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	BLACK	
68357-047	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	BLACK	
68357-050	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3.30	1.74	Z	GREY	PRINTING FCI-68357-050-YEAR-WEEK
68357-051	c b a	X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		2.90	1.31	Z	GREY	UNPRINTED
68357-052	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Y	GREY	UNPRINTED
68357-053	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY	PRINTING FCI-68357-053-YEAR-WEEK
68357-054	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY	PRINTING FCI-68357-054-YEAR-WEEK
68357-055	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3.73	1.31	Z	GREY	
68357-056	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Y	GREY	UNPRINTED
68357-057	c b a	X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		2.90	1.31	Z	GREY	UNPRINTED
68357-058	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Y	GREY	UNPRINTED
68357-059	c b a																											X	X		X	X		2.90	1.31	Z	GREY	
68357-060	c b a	X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		3.73	1.31	W	GREY	

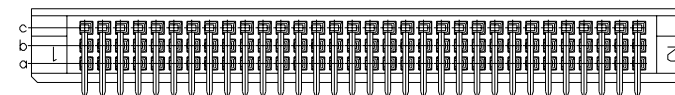
W	0.5 µm Au min over 3 µm Ni min	Tin-Lead
X	2 µm Au min over 3 µm Ni min	Tin-Lead
Y	3 µm Au min over 3 µm Ni min	Tin-Lead
Z	1 µm Au min over 3 µm Ni min	Tin-Lead
PLATING CODE	PLATING OF CONTACT AREA	SOLDER TAB

mat'l. code	tolerances unless otherwise specified	CUSTOMER COPY		ELECTRONIC	www.fciconnect.com
see table					
LT:ecn noldr date	Linear	projection	title B.P. FEMALE board connector		
AB LS2019 SJ 20020423		mm	product family BACKPANEL code 213		
AD LS3038 Ph.L03/10/04	angles	scale 1:1	size dwg no A2 C04-68357 sheet 4 of -		
	dr. M. Visschers 910104				
	enr. M. Loman 950109				
	chr. Ch RouilLard 20020423				
	appd. Ph Legare 20020423				
sheet index	revision sheet				

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NOTE: This table corresponds to the termination end connectors view



PRODUCT NUMBER	ROW	TERMINAL X PLACED IN POSITION																												DIM A	DIM B	PLATING CODE	COLOUR BODY	REMARKS					
		32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5						4	3	2	1	
68357-061	c b a																			X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	W	GREY			
68357-062	c b a																			X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY		
68357-063	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Y	GREY		
68357-064	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3.30	1.74	X	GREY		
68357-065	c b a	X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		3.30	1.74	W	GREY		
68357-066	c b a			X		X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	W	GREY		
68357-067	c b a																										X	X	X	X	X	X	X	2.90	1.31	Z	GREY		
68357-068	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY		
68357-069	c b a	X		X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY		
68357-070	c b a	X		X			X		X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY		
68357-071	c b a		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		2.90	1.31	W	GREY			
68357-072	c b a	X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		2.90	1.31	Z	GREY		
68357-073	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Y	GREY		
68357-074	c b a																			X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Y	GREY		
68357-075	c b a	X	X		X	X		X	X																		X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY	
68357-076	c b a	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY		
68357-077	c b a	X	X	X	X	X	X																		X	X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY		
68357-078	c b a		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		2.90	1.31	Z	GREY			
68357-079	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Y	GREY	UNPRINTED	
68357-080	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Y	GREY		

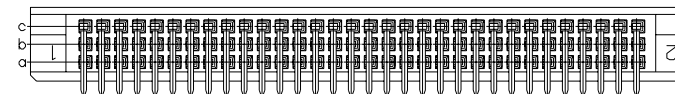
W	0.5 µm Au min over 3 µm Ni min	Tin-Lead
X	2 µm Au min over 3 µm Ni min	Tin-Lead
Y	3 µm Au min over 3 µm Ni min	Tin-Lead
Z	1 µm Au min over 3 µm Ni min	Tin-Lead
PLATING CODE	PLATING OF CONTACT AREA	SOLDER TAB

mat'l. code	tolerances unless otherwise specified	CUSTOMER COPY		ELECTRONIC	www.fciconnect.com
see table					
LT/ecn noldr	date	projection		title	product family
AB LS2019 SJ	20020423	Linear			
AD LS303B Ph	L03/10/04	angles	mm	code	213
		dr. M. Visschers	910104	dwg no	C05-68357
		enr. M. Loman	950109	scale	1:1
		chr. Ch. Rouilard	20020423	sheet	5 of -
		appd. Ph. Legare	20020423		
sheet index	revision sheet				

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NOTE: This table corresponds to the termination end connectors view

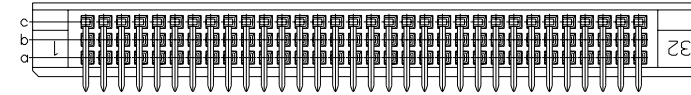


PRODUCT NUMBER	ROW	TERMINAL X PLACED IN POSITION																																DIM A	DIM B	PLATING CODE	COLOUR BODY	REMARKS					
		32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1										
68357-081	c	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																		2.90	1.31	Z	GREY	PRINTING: FCI YR-WK 68357-081				
	b																																										
	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																										
68357-082	c																	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY	PRINTING: FCI YR-WK 68357-082				
	b																																										
	a																	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	X
68357-083	c	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.31	Z	GREY	PRINTING: FCI YR-WK 68357-083				
	b	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	
	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	X
68357-084	c	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.80	1.74	Z	GREY	PRINTING FCI-YEAR/WEEK-HE1102-68357-084				
	b	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	
	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	X
68357-085	c	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.80	1.74	Z	GREY	PRINTING FCI-68357-085-YEAR-WEEK				
	b	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	
	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	X
68357-086	c	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.80	1.31	W	GREY					
	b	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X		
	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	
68357-087	c	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.80	1.31	W	GREY	PRINTING FCI-68357-087-YEAR-WEEK				
	b	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X		
	a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	

W	0.5 µm Au min over 3 µm Ni min	Tin-Lead
X	2 µm Au min over 3 µm Ni min	Tin-Lead
Y	3 µm Au min over 3 µm Ni min	Tin-Lead
Z	1 µm Au min over 3 µm Ni min	Tin-Lead
PLATING CODE	PLATING OF CONTACT AREA	SOLDER TAB

mat'l. code see table		tolerances unless otherwise specified		CUSTOMER COPY		 ELECTRONIC www.fciconnect.com	
ltren on dr date		Linear		projection 		title B.P. FEMALE board connector	
AB LS2019 SJ 02/05/06				mm 		product family BACKPANEL	
AC LS3019 Ph.L03/17/02		angles		scale 1:1		size dwg no A2 C06-68357	
AD LS3038 Ph.L03/10/04		engr M. Visschers 921127				sheet 6 of 6	
		agr R. Bekken 940406					
		chr Ch Rouillard 20020506					
		appd Ph Legere 20020506					
sheet index		revision sheet					

NOTE: This table corresponds to the termination end connectors view



PRODUCT NUMBER	ROW	TERMINAL X PLACED IN POSITION																																BODY COLOUR	DIM A	DIM B	DIM X	PCB THICKNESS	PLATING CODE	REMARKS
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32							
68357-002-01	c b a				X		X		X		X		X		X		X		X		X		X		X		X		X		X		X	GREY	3.30	1.74	3.0	1.6	Z	UNPRINTED
68357-004-01	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	GREY	3.30	1.74	3.0	1.6	Z	UNPRINTED
68357-036-01	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	GREY	3.30	1.74	3.0	1.6	Z	PRINTING: FC1-YEAR/WEEK-HE1102-68357-036-01
68357-050-01	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	GREY	3.30	1.74	3.0	1.6	Z	PRINTING: FC1-68357-050-01-YEAR-WEEK
68357-056-01	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	GREY	2.90	1.31	3.0	1.6	Y	UNPRINTED
68357-083-01	c b a	X	X	X	X			X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	GREY	2.90	1.31	3.0	1.6	Z	PRINTING: FC1 YR-WK 68357-083-01
68357-084-01	c b a	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	GREY	2.80	1.74	3.0	1.6	Z	PRINTING FC1-YEAR/WEEK-HE1102-68357-084-01

W	0.5 μ m Au MIN OVER 3 μ m Ni MIN	TIN-LEAD
X	2 μ m Au MIN OVER 3 μ m Ni MIN	TIN-LEAD
Y	3 μ m Au MIN OVER 3 μ m Ni MIN	TIN-LEAD
Z	1 μ m Au MIN OVER 3 μ m Ni MIN	TIN-LEAD
PLATING CODE	PLATING OF CONTACT AREA	SOLDER TAB

mat'L See code 1		tolerances unless otherwise specified		CUSTOMER COPY		 ELECTRONIC www.fciconnect.com	
Ltrb'n no dr date		Linear		projection		title	
AD LS2019 SJ 20020423						B.P. FEMALE	
AD LS3038 Ph.L 03/10/04		angLes				WITH FIXING CLIPS	
		eng R. Bekker 930908		mm		product family BACKPANEL	
		dr R. Bekker 931012				size dwg no 213	
		chr Ch RouilLard 20020423		scale 1:1		A2 C07-68357	
		appl Ph Legare 20020423				sheet 7 of -	
sheet revision							
index sheet							