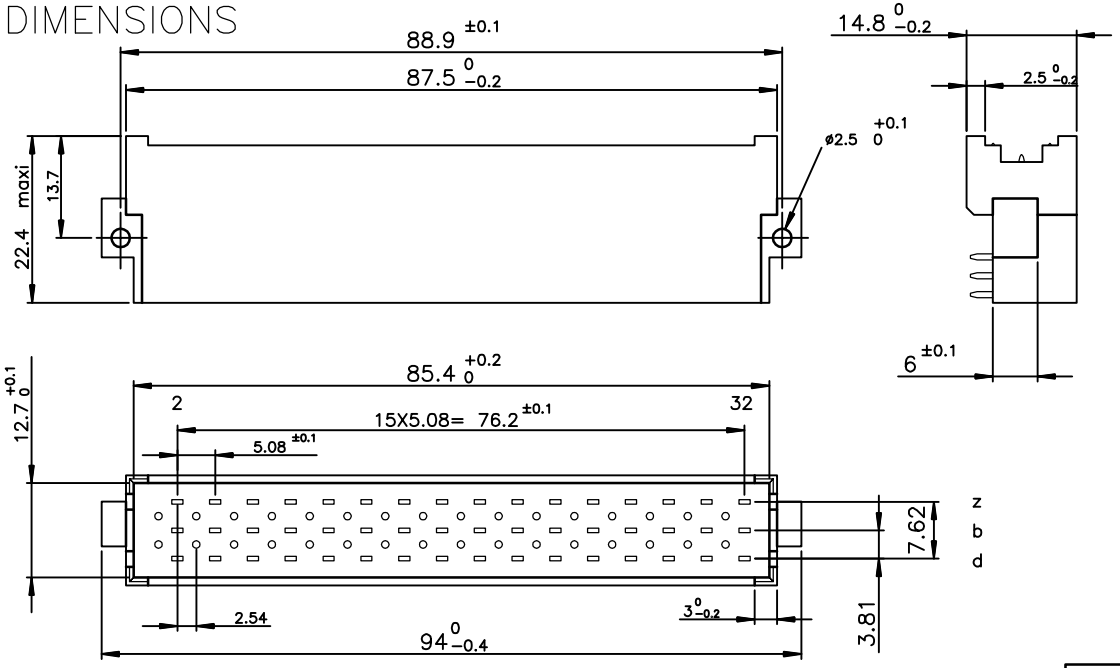
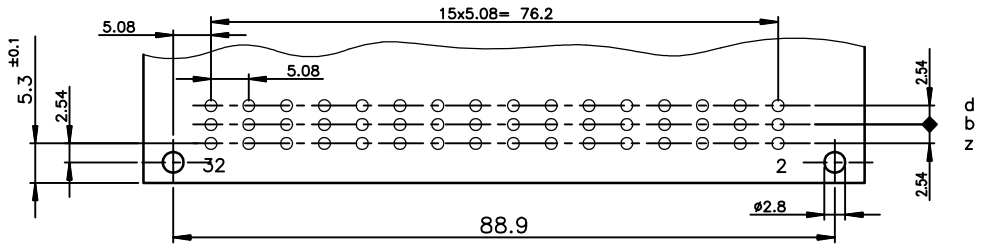
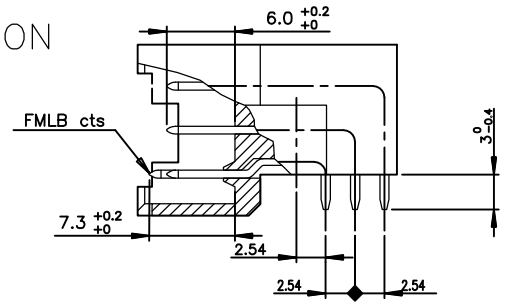
DIMENSIONS



P.C. CARD DRILLING



TERMINATION



ELECTRICAL DATA

–Current at AMB.	5.5 A at 20° / 4 A at 70°
–Contact resistance	≤15mΩ according to DIN 41640 Teil 4 test 2a
–Insulation resistance	≥ 10^8 MΩ according to DIN 41640 teil 7 test 3a
–TEST VOLTAGE	according to DIN 41640 teil 21
contact/contact	1550 V
contact/ground	2500 V

MECHANICAL DATA

–Insertion force	≤75N
–Mechanical endurance	400 matings unmatings according to DIN41640 teil 21
–Material insulator	Thermoplastic UL94V0
–Material contacts	Copper alloy
–Finishing contact surface	Gold over nickel Lead Free
–Finishing termination	Lead Free
–Schock	≤30mΩ according to DIN 41640 Teil 14 test 6c
–Vibration	10–500Hz/5g according to DIN 41640 Teil 15

ENVIRONMENTAL DATA

–Climatic category	According to DIN 41612 – class 2
–Corrosion	According to DIN 41612 – class 2

FMLB CT IN POSITION: z32

PERFORMANCES AS PER DIN 41612 STYLE F CLASS 2

NOTE RoHS INFORMATION

– The "LF" products meet European Union Directives and other country regulations as described in GS–22–008.
– The housing will whistand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.
– For the right angled versions , like the current leaded versions, it's recommended to use high temperature adhesive or metallic device, to protect the nearlest plastic part in contact with of the solder wave, to avoid any visual plastic deterioration.

LEAD–FREE PART–NUMBER
5159009486354611LF

rev	ecn no	dr	date
A	–	SJO	1997/01/30
B	LS06–0019	LGO	2006/04/10
C	LS06–0097	LGO	2006/07/26
D	LS07–0213	LGO	2007/08/17
E	LS07–0288	LGO	2007/11/19
F	F10–0214	APA	2010/10/01
G	F12–0053	APA	2012/05/07

European Views

www.fciconnect.com

surface ISO 1302 | tolerance std ISO 406 ISO 1101 | projection | mm

TOLERANCES UNLESS OTHERWISE SPECIFIED

Dr	S.JOUBERT	1997/01/30	ANGULAR	LINEAR	0.X	±0.1
Eng	L.GOISNARD	1997/01/30			0.XX	±0.1
Chr	P.LEGARE	1997/01/30	0.XX° ±2°		0.XXX	±0.1
Appr	P.LEGARE	1997/01/30	Product family		DIN POWER 5159	

size A3 | Scale 1.5 | ECN F12–0053 | Spec ref –

title: MALE CONNECTOR 3 ROW
48 CTS & 1 FMLB CT

dwg no C01–5159–0043 | Rev. G

catalog no – | CUSTOMER | sheet 1 of 1

REV F – 2006–04–17

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PDM: Rev:G STATUS: Released Printed: May 24, 2012

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