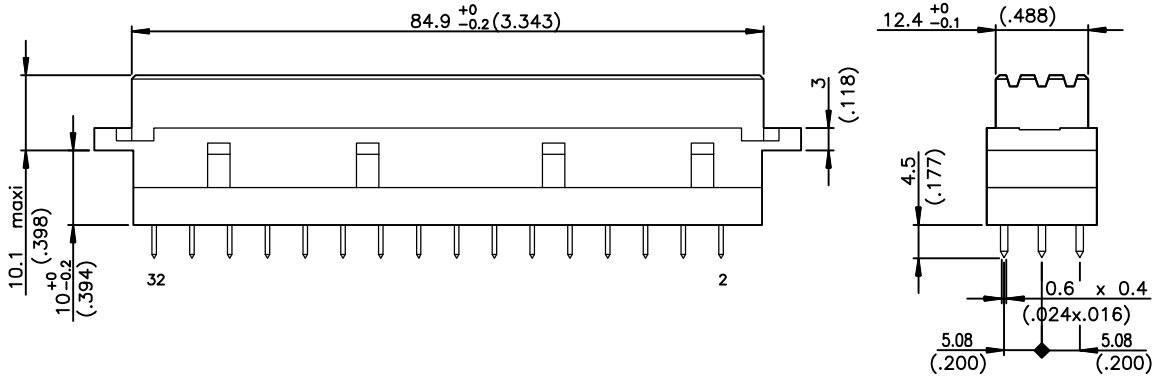

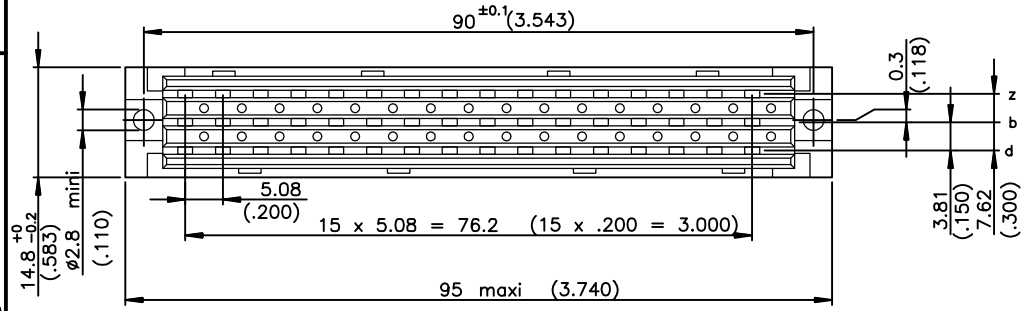

ELECTRICAL DATA

–Current at AMB.	5.5 A at 20° / 4 A at 70°
–Contact resistance	?15m? according to DIN 41640 Teil 4 test 2a
–Insulation resistance	°10 6 M? according to DIN 41640 teil 7 test 3a
–TEST VOLTAGE	according to DIN 41640 teil 21
contact/contact	1550V eff
contact/ground	2500V eff

MECHANICAL DATA

–Insertion force	?75N
–Mechanical endurance	400 matings unmatings according to DIN41640 teil 21
–Material insulator	Polycarbonate UL94V0
–Material contacts	Copper alloy
–Finishing contact surface	Gold over nickel Lead Free
–Finishing termination	Lead–Free
–Schock	?30m? 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

PERFORMANCES AS PER DIN 41612 STYLE F CLASS 2

LEAD–FREE PART–NUMBER
5159009481893AACLF

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.
–Packaging spec:see GS–14–920

rev	ecn no	dr	date
A	–	–	–
B	LS05–0119	ETI	2005/12/13
C	LS06–0022	LGO	2006/02/21
D	LS06–0095	LGO	2006/06/26
E	LS07–0288	LGO	2007/11/19
F	F10–0214	APA	2010/10/01
–	–	–	–

Dr	PESSON	2006/02/21
Eng	PESSON	2006/02/21
Chr	LEGARE	2006/02/21
Appr	LEGARE	2006/02/21

www.fciconnect.com
surface ISO 1302
tolerance std ISO 406 ISO 1101
TOLERANCES UNLESS OTHERWISE SPECIFIED
ANGULAR ±2°
LINEAR 0.X ±0.1; 0.XX ±0.1; 0.XXX ±0.1
projection
mm
size A3
Scale 1.5
ECN F10–0214
Product family DIN POWER
Spec ref –

title: RECEP POWER STYLE F
48 STRAIGHT SPILLS CONTACTS
dwg no C01–5159–0009
Rev. F
catalog no –
CUSTOMER
sheet 1 of 1

European Views

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REV F – 2006–04–17

PDM: Rev:F STATUS:Released Printed: Oct 07, 2010