PRODUCT DATASHEET
Konntakt series
last update 10/1/2018

DETAILS

Product Number	FP15501_HEKLA-C
Family	Konntakt
Type	Base part
Color	clear
Diameter	44 mm
Height	5,5 mm
Style	
Optic Material	
Holder Material	PBT
Fastening	
Status	production ready
ROHS Compliant	Yes
Date Updated	10/01/2018

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
CLL02x/CLU02x (LES10)	NA deg		-	sim: 0.000	-
CLU700/701	NA deg		-	sim: 0.000	-
Soleriq S9	NA deg		-	sim: 0.000	-
LC006B / LC008B	NA deg		-	sim: 0.000	-
COB D Series LES 9.8 mm	NA deg		-	sim: 0.000	-
SLE G4 LES10	NA deg		-	sim: 0.000	-

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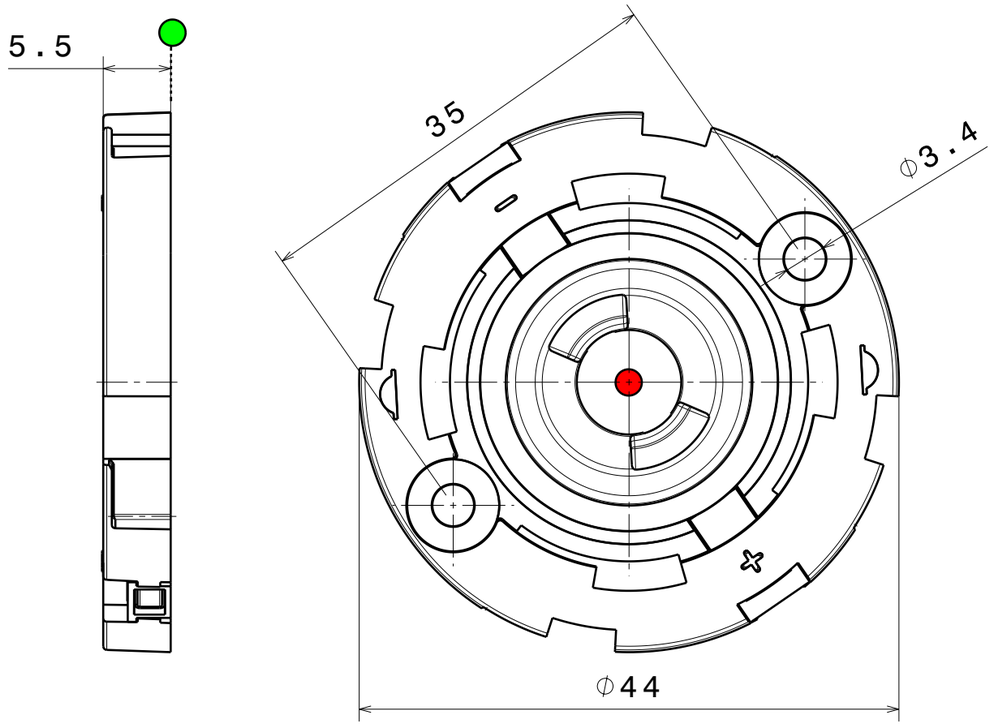
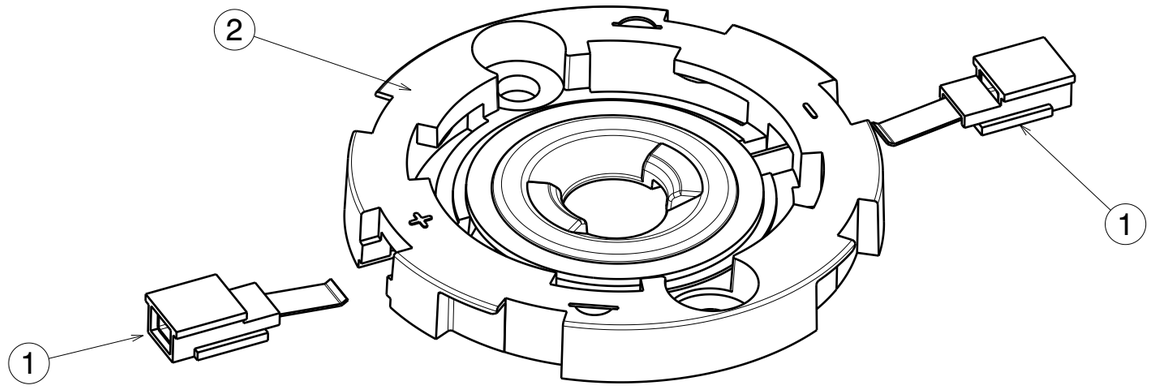
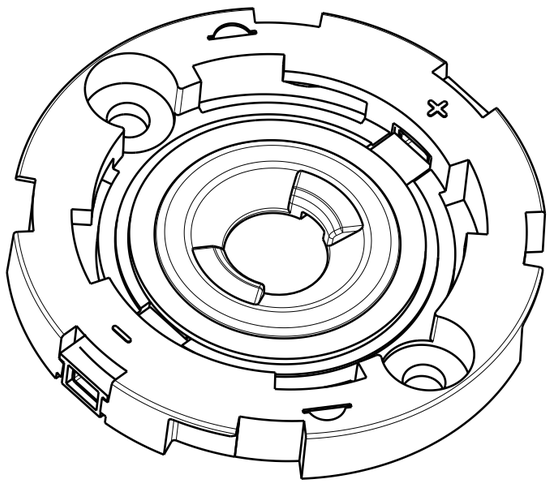
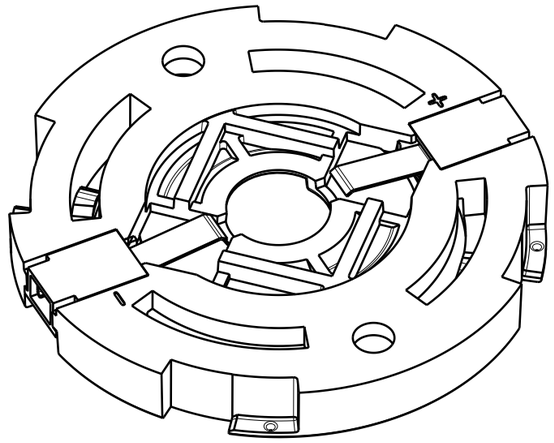




Code table

HEKLA CONNECTOR	COB SIZE[mm]	LES MAX.[mm]	HEKLA-SOCKET
FP15490_HEKLA-A	12,5X12,5	ϕ9,0	F15253_HEKLA-SOCKET-A
FP15500_HEKLA-B	17,85X17,85	ϕ14,2	F15254_HEKLA-SOCKET-B
FP15501_HEKLA-C	13,5X13,5	ϕ11,6	F15255_HEKLA-SOCKET-C
FP15502_HEKLA-D	15,85X15,85	ϕ10,7	F15256_HEKLA-SOCKET-D
FP15503_HEKLA-E	15,8X15,8	ϕ14,3	F14988_HEKLA-SOCKET-E
FP15947_HEKLA-G	12X15	ϕ10	F15848_HEKLA-SOCKET-G
FP15948_HEKLA-H	16X19	ϕ14	F15858_HEKLA-SOCKET-H
FP15949_HEKLA-I	19X19	ϕ17	F15859_HEKLA-SOCKET-I
FP15957_HEKLA-J	13,35X13,35	ϕ7,5	F15956_HEKLA-SOCKET-J
			F15616_HEKLA-SOCKET-F





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Notes

PCB or Heat Sink level
Led location
Ensure LED fitting, see our web site and/or 3D model for part detail.

COMPONENTS

INDEX	PRODUCT	TYPE	MATERIAL	COLOUR/COATING
1	FPXXXXX_HEKLA-PIC-X	CONTACT SPRING ASSEMBLY	PBT+BeCu	White+gold
2	See code table	SOCKET	PBT	White
3	See code table	CONNECTOR	PBT+BeCu	White+gold

MECHANICAL DRAWING

PRODUCT
HEKLA-family

LEDiL®

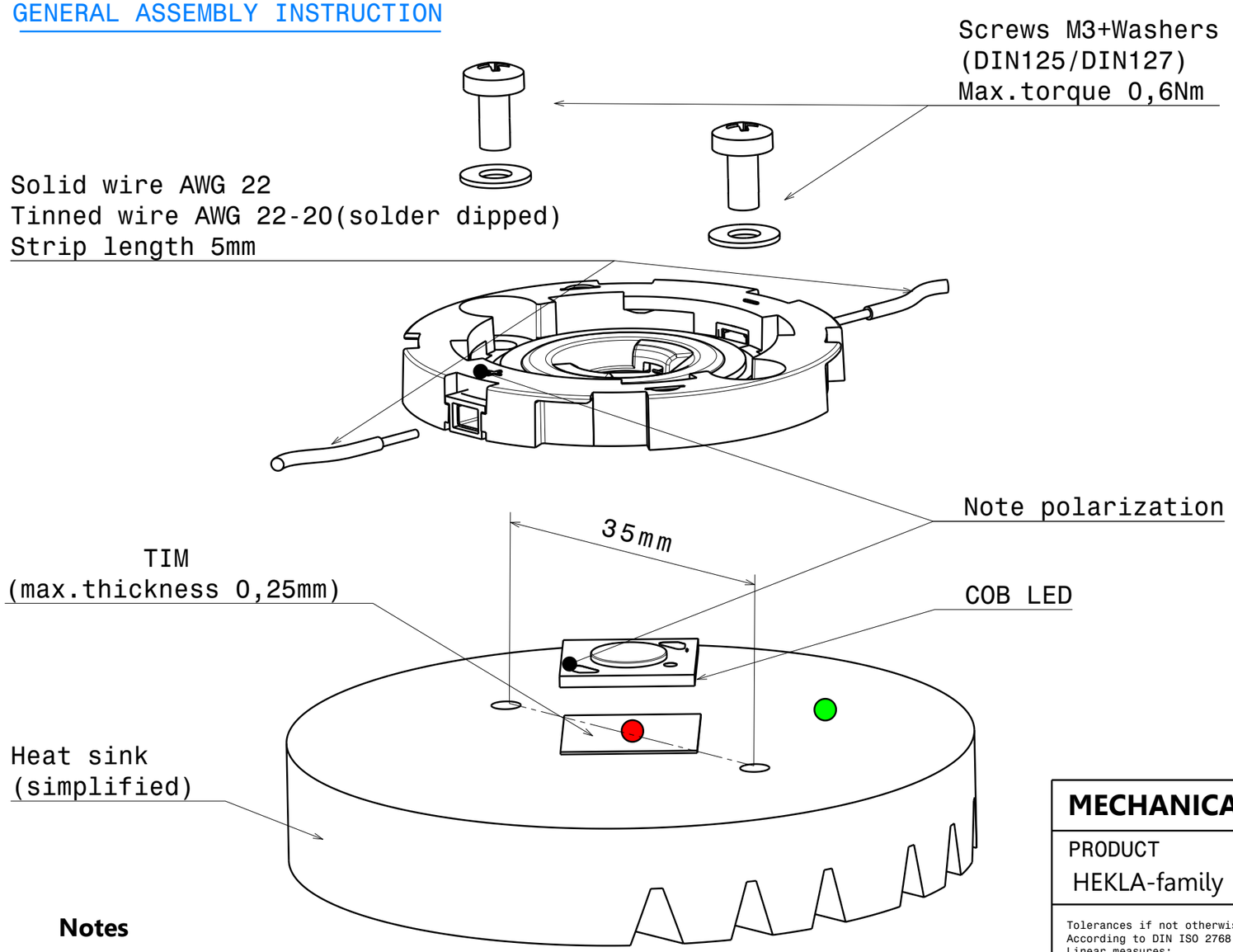
Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

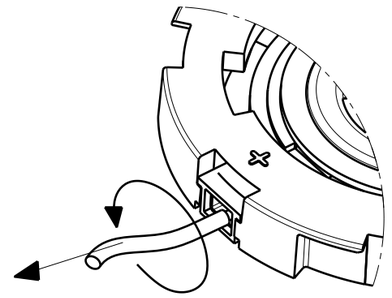
FIRST ANGLE PROJECTION:

SCALE 2:1 | SIZE A3 | SHEET 1/2

GENERAL INFORMATION	
RATED VOLTAGE/CURRENT	50VDC/3A FOR USE IN SELV AND CLASS 2 (USA) APPLICATIONS ONLY
WIRE TYPE AND SIZE	SOLID WIRE 22 AWG (ϕ0,64mm); TINNED WIRE 22-20 AWG(SOLDER DIPPED)
WIRE STRIP LENGTH	5 +/-0,5 mm
FASTENING	SCREWS 2XM3, WASHER 2XM3
MAX.SCREW FIXING TORQUE	0,6Nm
MAX.TIM THICKNESS	0,25mm
RATED TEMPERATURE	110℃

GENERAL ASSEMBLY INSTRUCTION





Remove the wire by slightly pulling
and rotating at the same time.
A new wire is recommended after removing
the old one and check the functionality
of the connector.

Notes

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MECHANICAL DRAWING

PRODUCT
HEKLA-family

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FIRST ANGLE PROJECTION:

LEDiL®

SCALE 2:1 | SIZE A3 | SHEET 2/2

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.