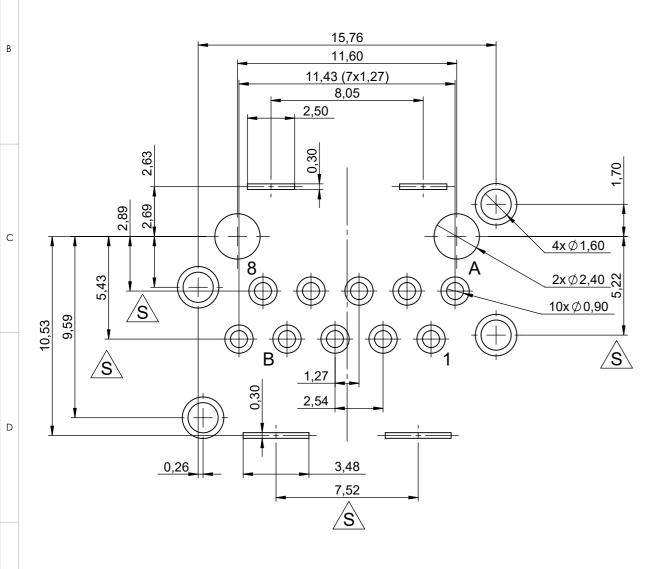
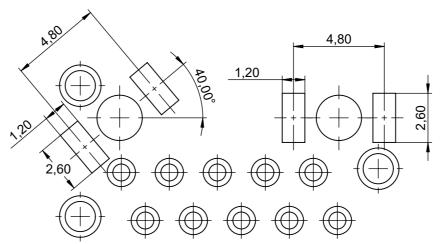


# **Recommended PCB Layout**

## top side



## bottom side

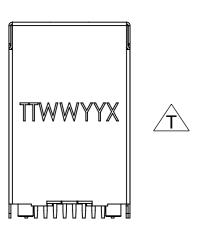




#### **Recommended LEDs**

Type: top down LED (Osram) LS T776 (super-red), LA T776 (amber), LO T776 (orange), LY T776 (Yellow)

### **Date code**



Date code (TypeWeekYear) is printed on the back side of the jack Type: Y-ConJack-51 -> 51

Y-ConJack-56 -> 56

Example: "564411A" means Jack-56 produced in week 44 of 2011with magnetics

type: 11FB-05TNL-A

Example: "564411B" means Jack-56

produced in week 44 of 2011with magnetics

type: 11FB-05TNL-B

#### thickness of PCB 1,6 +/-0,16mm

restricted area for trace and via on the top layer

recommended solder pads of through holes: core hole plus 0,3mm at every side

position tolerance 0,1mm

**CONFIDENTIAL** Critical Dimensions to be 100% **Customer Drawing** Specification/Drawing subject to alteration without prior notice. Critical Dimensions RoHS compliant acc. to directive 2011/65/EU The information contained in this drawing is the sole property of YAMAICHI ELECTRONICS DEUTSCHLAND GMBH. Any reproduction in part or whole without the written permission of YAMAICHI ELECTRONICS DEUTSCHLAND GMBH Critical Dimensions <SPC> UNLESS OTHERWISE SPECIFIED : DIMENSIONS ARE IN MILLIMETERS ID REV. DATE 022 packaging revised M189 20.05.2020 TOLERANCES: T Date Code changed RIA 19.06.2018 ISO 2768-1 m RIA 19.06.2018 T Date Code changed ISO 2768-2 K S PCB+General TOL+PACK HAY 16.11.2015 NS 11.05.2015 R Cat & date code updated ORDER / ARTICLE NO. See Table Description: Y-Con Buchse, 180° DO NOT SCALE DRAWING DATE Purchase No.: ANGLE PROJECTION: CREATED TF 01.10.2008 Y-CONJACK-5X MODIFIED 20.05.2020 M161 REVISION: RELEASED M189 20.05.2020 022 Customer-P1045A07 WEIGHT SCALE: 2:1 SHEET 2 OF 3 DIN A3 - ASSEMBLY SUBREV04 T123 26.10.2022

Yamaichi acts with all markings of the product exclusively on behalf of the customer as service provider and not as distributor. Yamaichi is not aware of the customer's end use/application. The customer indemnifies Yamaichi from any liability towards third parties in connection with the marking - with the exception of the legal exclusions of liability according to § 309 No. 7 BGB.

Types of Y-ConJacks

Nomination	Y-ConJack-51	Y-ConJack-52	Y-ConJack-53 (version planned)	Y-ConJack-54 (version planned)	Y-ConJack-55	Y-ConJack-56
Order number	82-00479	82-00511	82-00512	82-00513	82-00514	82-00515
Type of soldering	Through Hole Reflow	Through Hole Reflow	Through Hole Reflow	Through Hole Reflow	Through Hole Reflow	Through Hole Reflow
Power pins	X	X	X	x		
Transformer	X	X			X	X
Light pipes	X		X		X	
Category	100Base-TX	100Base-TX	CAT 5	CAT 5	100Base-TX	100Base-TX

X: with component ---: without component

Critical Dimensions to be inspected 100%. **CONFIDENTIAL Customer Drawing** 100% Specification/Drawing subject to alteration without prior notice. RoHS compliant acc. to directive 2011/65/EU Critical Dimensions. The information contained in this drawing is the sole property of YAMAICHI ELECTRONICS DEUTSCHLAND GMBH. Any reproduction in part or whole without the written permission of YAMAICHI ELECTRONICS DEUTSCHLAND GMBH is prohibited. Critical Dimensions <SPC> UNLESS OTHERWISE SPECIFIED : DIMENSIONS ARE IN MILLIMETERS REVISION DESCRIPTION ID REV. DATE 022 packaging revised M189 20.05.2020 TOLERANCES: T Date Code changed RIA 19.06.2018 ISO 2768-1 m T Date Code changed RIA 19.06.2018 ISO 2768-2 K S PCB+General TOL+PACK HAY 16.11.2015 NS 11.05.2015 R Cat & date code updated ORDER / ARTICLE NO. See Table Description: Y-Con Buchse, 180° DO NOT SCALE DRAWING DATE Purchase No.: ANGLE PROJECTION: CREATED TF 01.10.2008 Y-CONJACK-5X MODIFIED M161 20.05.2020  $\left(-\right)\left(\oplus\right)$  FIRST REVISION: RELEASED M189 20.05.2020 022 Customer-P1045A07 WEIGHT: SUBREV 04 T123 26.10.2022 SCALE: 2:1 SHEET 3 OF 3 DIN A3 - ASSEMBLY

Yamaichi acts with all markings of the product exclusively on behalf of the customer as service provider and not as distributor. Yamaichi is not aware of the customer's end use/application. The customer indemnifies Yamaichi from any liability towards third parties in connection with the marking - with the exception of the legal exclusions of liability according to § 309 No. 7 BGB.