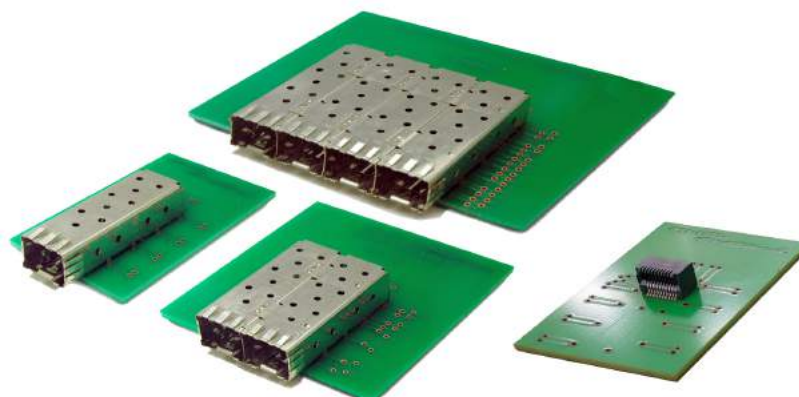


Small Form-factor Pluggable Connector

SPT Series

DDK Ltd.



OUTLINE

SPT series is a connector and cage which is compatible to Small Form-factor Pluggable(SFP/SFP+) specification of Multi-Source Agreement(MSA) for optical transceivers.

FEATURES

- 0.8mm pitch 20 pins SMT connector
- Excellent EMI shield
- Single port, 1by2 and 1by4 ganged cage styles are available.
(Mounting method: Press fit)
- Cage serves as a guide rail for transceivers.
- RoHS compliant

APPLICATIONS

Fiber Channel, Gigabit Ethernet, High-end Server

SPECIFICATION

Rated Voltage	120V AC(r.m.s.)
Rated Current	0.5A / Contact
Dielectric Withstand voltage	350V AC(r.m.s.) for 1 Minute
Insulation Resistance	100M Ω Min. at 250V DC
Contact Resistance	30m Ω Max.

MATERIAL/FINISH



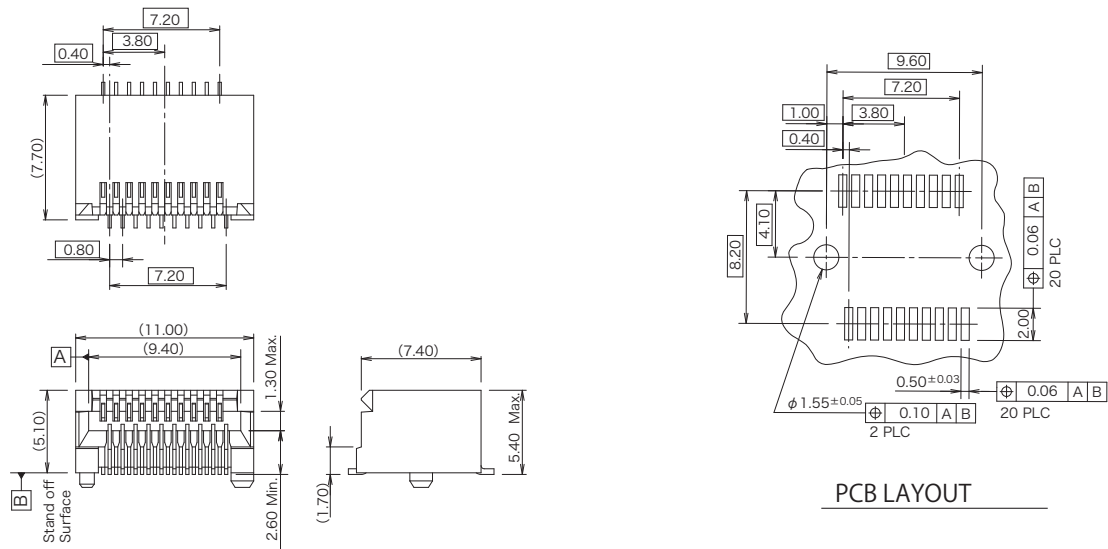
Item	Material / Finish
Contact	Copper Alloy / Contact area : Au over Ni Plating Tail area : Sn-Ag over Ni Plating
Housing	High Temperature Plastic / (UL-94V-0)
Cage	Copper Alloy / Sn-Reflow Plating

© Specifications and/or dimensions in this catalog are subject to change without notice.

Please verify the latest specifications with our drawings.

▶ 0.8mm Pitch Connector

SPT-RSB20B-12-FA

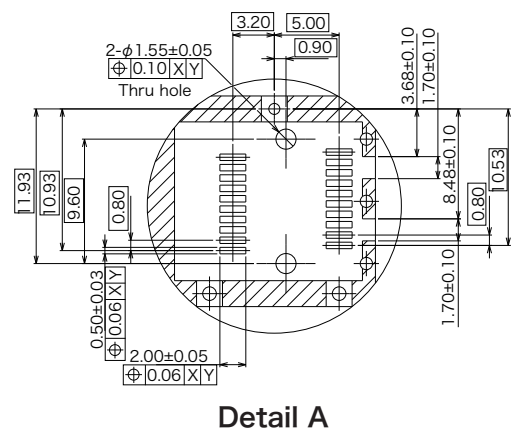
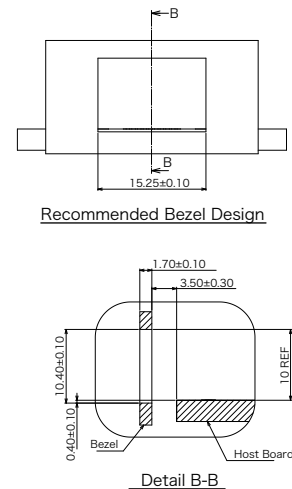
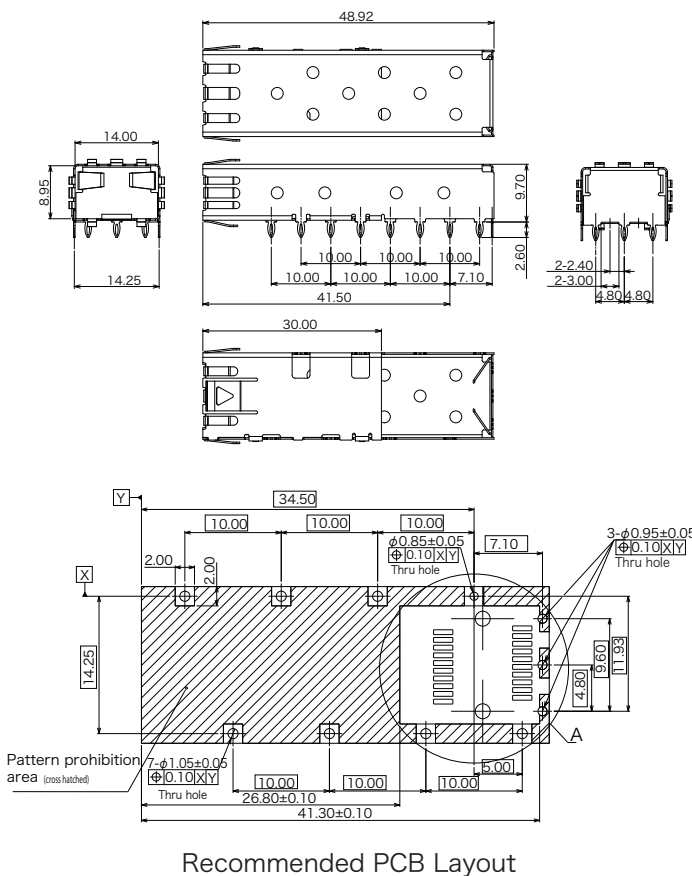


▶ Single Port Cage (One-piece Type)

SPT-HANA-CAGE-1P-FS

Press Fit type

SFP+ Cage



© Specifications and/or dimensions in this catalog are subject to change without notice.

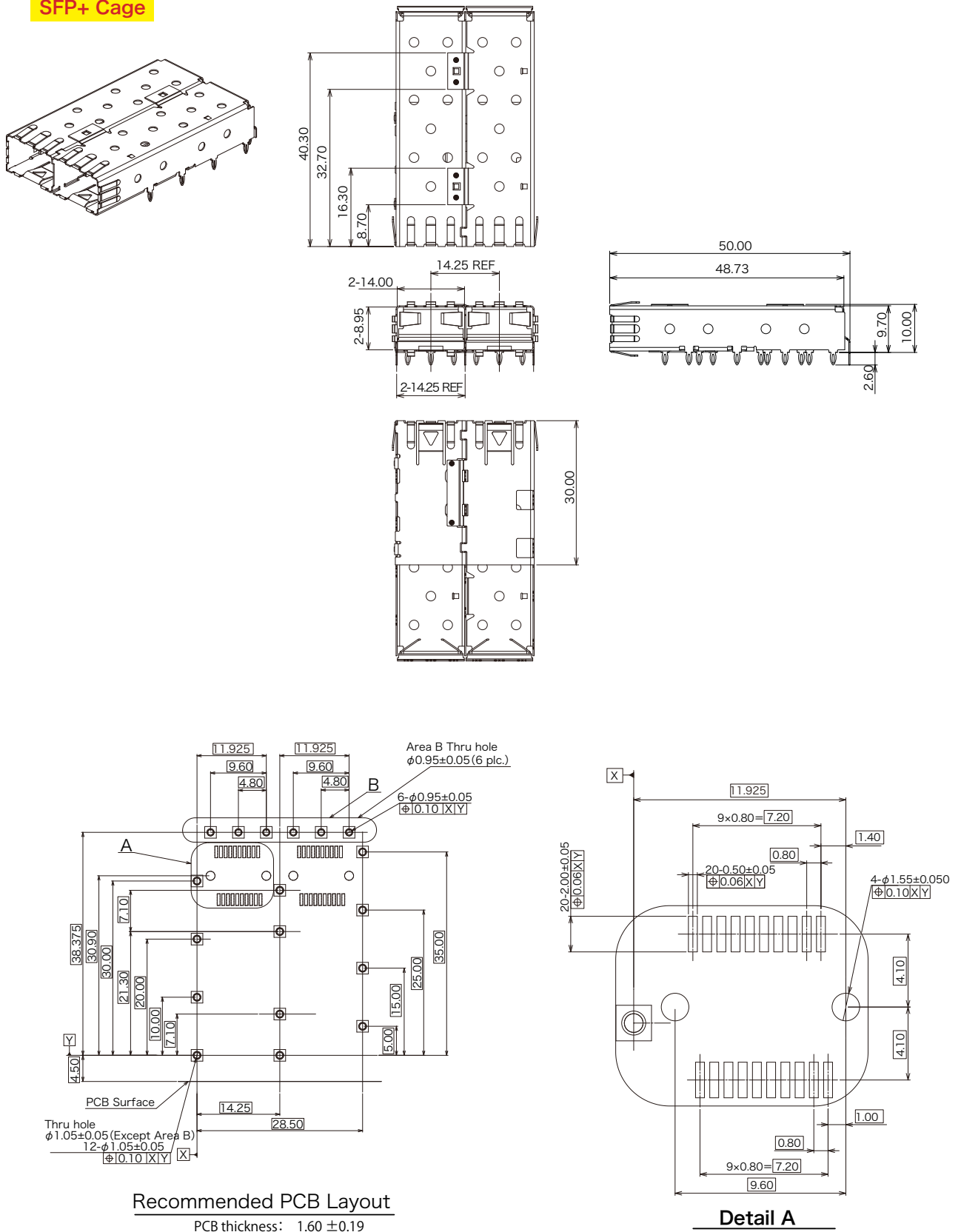
Please verify the latest specifications with our drawings.

<http://www.ddknet.co.jp>

▶ 1 by 2 Ganged Cage

Press Fit type

SFP+ Cage

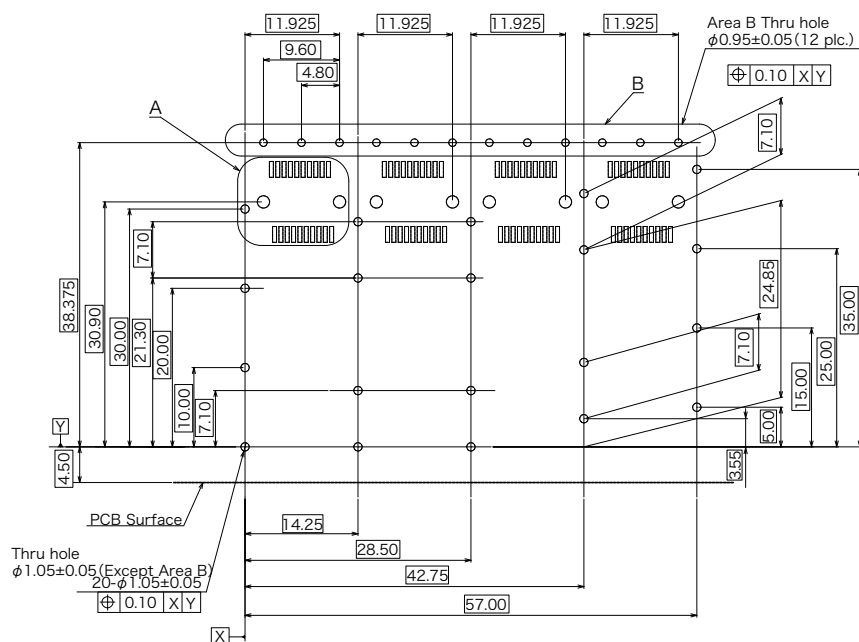
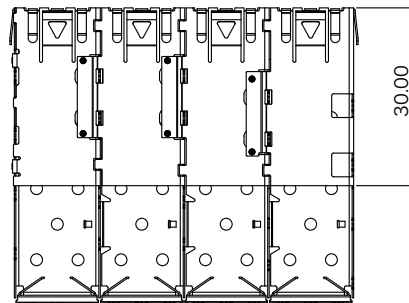
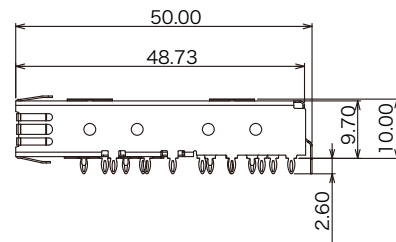
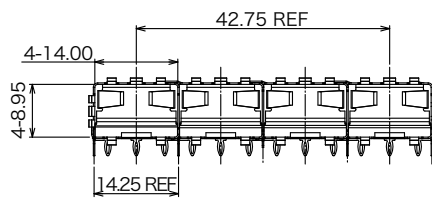
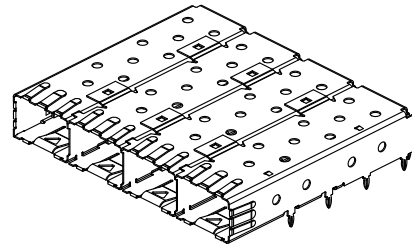


SPT-HANA-CAGE-4P-FS **Press Fit type**

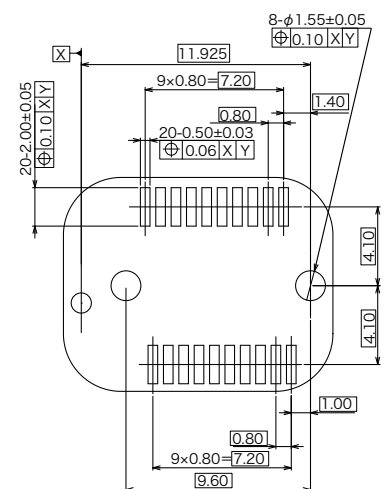
Technical drawing of a wall section showing dimensions and reinforcement details. The drawing includes a cross-section of the wall with reinforcement bars (circles) and stirrups (rectangles). The dimensions are as follows:

- Total height: 40.30
- Height from base to first reinforcement level: 32.70
- Height from base to second reinforcement level: 16.30
- Height from base to third reinforcement level: 8.70

The drawing also shows the reinforcement layout, including vertical bars and horizontal stirrups, and the connection to the foundation.



PCB Thickness : 1.60±0.19



Detail A