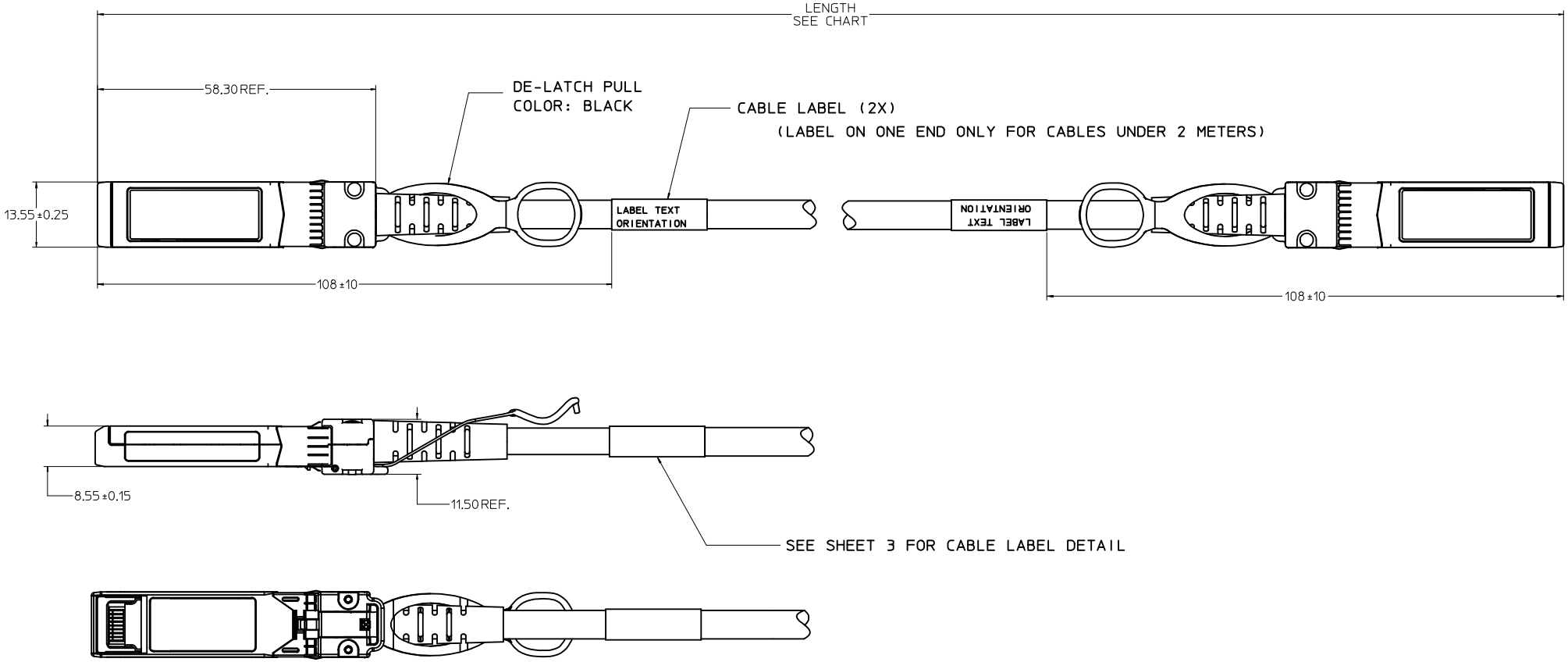



NOTES:

1. MATERIALS
   - BACKSHELLS - NICKEL PLATED ZINC
   - DE-LATCH - PLASTIC
   - PCB - FR-4
   - RIVETS - STAINLESS STEEL
2. IMPEDANCE - 100 OHMS DIFFERENTIAL, PASSIVE
3. PULL TO RELEASE, PLUNGER STYLE LATCH
4. EACH ASSEMBLY HAS A SERIAL ID
5. 11.09 Gbps BACKWARDS COMPATIBLE TO 1.0625 Gbps
6. LEAD FREE, NO RoHS EXEMPTIONS

| REV | DESCRIPTION |
|---|---|
| P | ADDED P/N'S<br>EC NO: CPG2013-0507<br>DRWN:GBARDELLA 2012/08/16<br>CHKD:PSYTSMA 2012/08/24<br>APPR:RMKHAN 2012/08/27 |

QUALITY SYMBOLS: 6 =0; 5 =0; 4 =0

| GENERAL TOLERANCES (UNLESS SPECIFIED) | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| 0 PLACE | ± | ± |
| ANGULAR ±---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

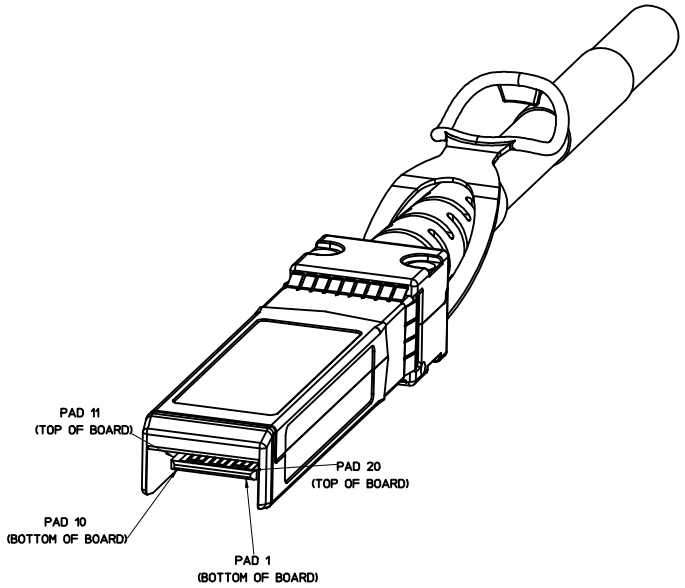
| | | |
|---|---|---|
| DIMENSION STYLE: MM ONLY | SCALE: 2:1 | DESIGN UNITS: METRIC |
| THIRD ANGLE PROJECTION | | |
| DRAWN BY: JERWIN | DATE: 2007/01/30 | TITLE: SFP+ PASSIVE 10G CABLE ASSEMBLY |
| CHECKED BY: KLLOYD | DATE: 2007/01/30 | |
| APPROVED BY: RMAHMOOD | DATE: 2007/01/30 | molex |
| MATERIAL NO.: SEE CHART | | DOCUMENT NO.: SD-74752-001 |
| SIZE: D | | SHEET NO.: 1 OF 4 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| WIRING DIAGRAM | | | | |
|---|---|---|---|---|
| P1 END | | | P2 END | |
| PAD | SIGNAL | | PAD | SIGNAL |
| 12 | RD- | ← | 19 | TD- |
| 13 | RD+ | ← | 18 | TD+ |
| 18 | TD+ | → | 13 | RD+ |
| 19 | TD- | → | 12 | RD- |

| LOW SPEED SIGNALS | |
|---|---|
| SFP+ | |
| PAD | SIGNAL |
| 02 | Tx_Fault |
| 03 | Tx_Disable |
| 04 | SDA |
| 05 | SCL |
| 06 | Mod_ABS |
| 07 | RS0 |
| 08 | Rx_LOS |
| 09 | RS1 |
| 15 | VccR |
| 16 | VccT |

SFP+




CUSTOM LENGTHS AVAILABLE.
LONGER LENGTH APPLICATIONS REQUIRE
HOST SYSTEM PREMPHASIS AND
EQUALIZATION.
SEE DATASHEET FOR MORE INFORMATION.

ADDED P/N'S
EC NO: CPG2013-0507
DRWN:GBARDELLA 2012/08/16
CHKD:PSYTSMA 2012/08/24
APPR:RMKHAN 2012/08/27
DESCRIPTION
REV D

QUALITY SYMBOLS
4 PLACES =0
3 PLACES =0
2 PLACES =0
1 PLACE =0
0 PLACE

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±--- |
| 2 PLACES | ±--- | ±--- |
| 1 PLACE | ±--- | ±--- |
| 0 PLACE | ± | ± |
| ANGULAR ±---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JERWIN DATE: 2007/01/30
CHECKED BY: KLLOYD DATE: 2007/01/30
APPROVED BY: RMAHMOOD DATE: 2007/01/30
MATERIAL NO.: SEE CHART

TITLE: SFP+ PASSIVE 10G CABLE ASSEMBLY

molex

DOCUMENT NO.: SD-74752-001
SHEET NO.: 2 OF 4

SIZE: D

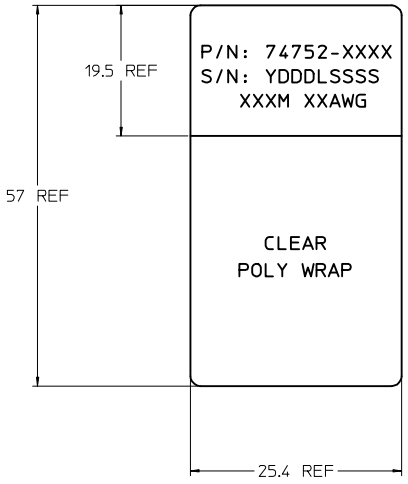
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

## PART NUMBER CHART

| PART NUMBER | LENGTH | TOL. | AWG |
|---|---|---|---|
| 747520010 | 0.3M | ±0.03M | 32 |
| 747520011 | 0.5M | ±0.03M | 32 |
| 747520012 | 1.0M | ±0.05M | 32 |
| 747520013 | 2.0M | ±0.05M | 32 |
| 747520014 | 3.0M | ±0.05M | 32 |
| 747520015 | 4.0M | ±0.05M | 32 |
| 747520016 | 5.0M | ±0.08M | 32 |
| | | | |
| 747521031 | 0.3M | ±0.03M | 30 |
| 747521051 | 0.5M | ±0.03M | 30 |
| 747521101 | 1.0M | ±0.05M | 30 |
| 747521151 | 1.5M | ±0.05M | 30 |
| 747521201 | 2.0M | ±0.05M | 30 |
| 747521301 | 3.0M | ±0.05M | 30 |
| 747521401 | 4.0M | ±0.05M | 30 |
| 747521501 | 5.0M | ±0.08M | 30 |
| 747521601 | 6.0M | ±0.08M | 30 |
| 747521701 | 7.0M | ±0.08M | 30 |
| 747521801 | 8.0M | ±0.08M | 30 |
| 747521901 | 9.0M | ±0.08M | 30 |
| 747529001 | 10.0M | ±0.08M | 30 |
| | | | |
| 747522031 | 0.3M | ±0.03M | 28 |
| 747522051 | 0.5M | ±0.03M | 28 |
| 747522101 | 1.0M | ±0.05M | 28 |
| 747522151 | 1.5M | ±0.05M | 28 |
| 747522201 | 2.0M | ±0.05M | 28 |
| 747522301 | 3.0M | ±0.05M | 28 |
| 747522401 | 4.0M | ±0.05M | 28 |
| 747522501 | 5.0M | ±0.08M | 28 |
| 747522701 | 7.0M | ±0.08M | 28 |
| 747522801 | 8.0M | ±0.08M | 28 |
| 747522901 | 9.0M | ±0.08M | 28 |
| 747529002 | 10.0M | ±0.08M | 28 |
| 747529010 | 15.0M | ±0.08M | 28 |

| PART NUMBER | LENGTH | TOL. | AWG |
|---|---|---|---|
| 747523051 | 0.5M | ±0.03M | 26 |
| 747523061 | 0.6M | ±0.03M | 26 |
| 747523101 | 1.0M | ±0.05M | 26 |
| 747523201 | 2.0M | ±0.05M | 26 |
| 747523301 | 3.0M | ±0.05M | 26 |
| 747523501 | 5.0M | ±0.08M | 26 |
| 747523701 | 7.0M | ±0.08M | 26 |
| 747523901 | 9.0M | ±0.08M | 26 |
| 747529003 | 10.0M | ±0.08M | 26 |
| | | | |
| 747524051 | 0.5M | ±0.03M | 24 |
| 747524101 | 1.0M | ±0.05M | 24 |
| 747524201 | 2.0M | ±0.05M | 24 |
| 747524301 | 3.0M | ±0.05M | 24 |
| 747524401 | 4.0M | ±0.05M | 24 |
| 747524501 | 5.0M | ±0.08M | 24 |
| 747524541 | 5.4M | ±0.08M | 24 |
| 747524571 | 5.7M | ±0.08M | 24 |
| 747524601 | 6.0M | ±0.08M | 24 |
| 747524701 | 7.0M | ±0.08M | 24 |
| 747524801 | 8.0M | ±0.08M | 24 |
| 747524901 | 9.0M | ±0.08M | 24 |
| 747529004 | 10.0M | ±0.08M | 24 |
| 747529013 | 11.0M | ±0.08M | 24 |
| 747529008 | 12.0M | ±0.08M | 24 |
| 747529015 | 13.0M | ±0.08M | 24 |
| 747529016 | 14.0M | ±0.08M | 24 |
| 747529007 | 15.0M | ±0.08M | 24 |

## CABLE LABEL DETAIL




YDDDLSSSS
Y---YEAR, THE LAST DIGIT OF THE YEAR
DDD---DAY OF THE YEAR
L---LOCATION (1=LR, 2=GDL, 3=DG)
SSSS---SERIAL NUMBER

XXXM---LENGTH AS SHOWN IN P/N CHART

XXAWG---AWG SIZE

| REV | DESCRIPTION |
|---|---|
| P | ADDED P/N'S<br>EC NO: CPG2013-0507<br>DRWN:GBARDELLA 2012/08/16<br>CHKD:PSTISMA 2012/08/24<br>APPR:RMKHAN 2012/08/27 |

QUALITY SYMBOLS: ⊽=0, ⊽=0, ⊽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±--- |
| 2 PLACES | ±--- | ±--- |
| 1 PLACE | ±--- | ±--- |
| 0 PLACE | ± | ± |
| ANGULAR | ±---° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY

| | | DATE |
|---|---|---|
| DRAWN BY | JERWIN | 2007/01/30 |
| CHECKED BY | KLLOYD | 2007/01/30 |
| APPROVED BY | RMAHMOOD | 2007/01/30 |

MATERIAL NO.: SEE CHART

SCALE: 1:1

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

TITLE: SFP+ PASSIVE 10G CABLE ASSEMBLY

molex

DOCUMENT NO.: SD-74752-001

SHEET NO.: 3 OF 4

SIZE: D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| | | REVISION HISTORY |
|---|---|---|
| DATE | REV | DESCRIPTION |
| 2012-08-16 | P | 1. ADDED P/N'S 747524541 AND 747524571 |
| | | 2. MOVED WIRING DIAGRAM FROM PAGE 1 TO PAGE 2 AND ADDED LOW SPEED SIGNAL CHART |
| | | 3. MOVED LABEL DETAIL TO PAGE 3 |
| | | 4. ADDED NEW VIEW OF SFP+ THAT SHOWS PCB. |
| | | 5. REMOVED P/N'S 747529009, 74759011 & 747529012 |
| | | 6. INCREASED SIZE OF VIEWS ON PAGE 1. |
| | | |
| | | |

| REV | DESCRIPTION |
|---|---|
| P | ADDED P/N'S<br>EC NO: CPG2013-0507<br>DRWN:GBARDELLA 2012/08/16<br>CHKD:PSYTSMA 2012/08/24<br>APPR:RMKHAN 2012/08/27 |

QUALITY SYMBOLS: =0 (4 PLACES), =0 (3 PLACES), =0 (2 PLACES), =0 (1 PLACE), =0 (0 PLACE)

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| 0 PLACE | ± | ± |
| ANGULAR ±---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

| | | | |
|---|---|---|---|
| DIMENSION STYLE: MM ONLY | SCALE: 1:1 | DESIGN UNITS: METRIC | THIRD ANGLE PROJECTION |
| DRAWN BY: JERWIN | DATE: 2007/01/30 | TITLE: SFP+ PASSIVE 10G CABLE ASSEMBLY | |
| CHECKED BY: KLLOYD | DATE: 2007/01/30 | | |
| APPROVED BY: RMAHMOOD | DATE: 2007/01/30 | molex | |
| MATERIAL NO.: SEE CHART | | DOCUMENT NO.: SD-74752-001 | SHEET NO.: 4 OF 4 |
| SIZE: D | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |

tb_frame_D_P_AM_T
Rev. G 2012/01/11

# OCEAN CHIPS
## Океан Электроники
### Поставка электронных компонентов

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения **«JONHON»**, а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов **«FORSTAR»**.

AVIC JONHON

**«JONHON»** (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

**«FORSTAR»** (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).

FORSTAR®

Телефон: 8 (812) 309-75-97 (многоканальный)
Факс: 8 (812) 320-03-32
Электронная почта: ocean@oceanchips.ru
Web: http://oceanchips.ru/
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А