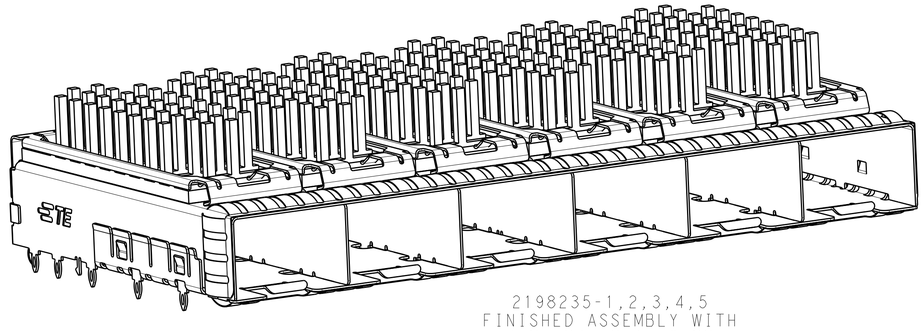
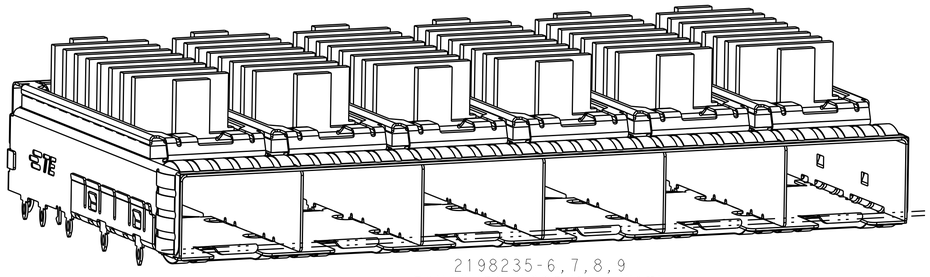
LOC	DIST
GP	00

REVISIONS

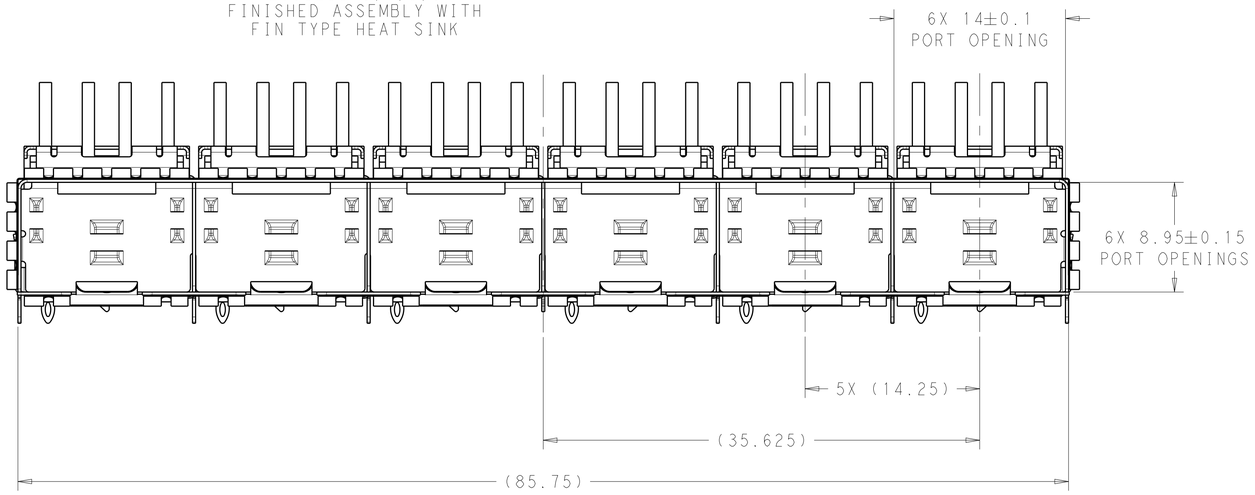
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO-12-013192	06NOV2012	BMM	MRS
	B	RELEASED PER ECO-13-000564	30JAN2013	BMM	MRS
	B1	RELEASED PER ECO-13-014600	20SEP2013	PP	SH
	B2	RELEASED PER ECO-15-006578	20APR2015	PP	SH

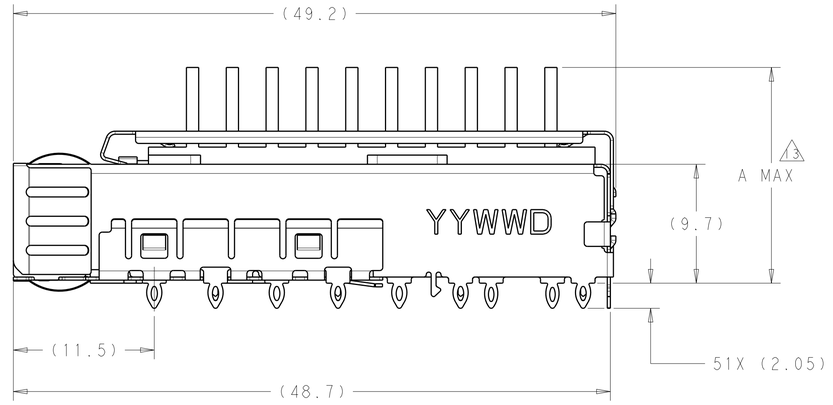


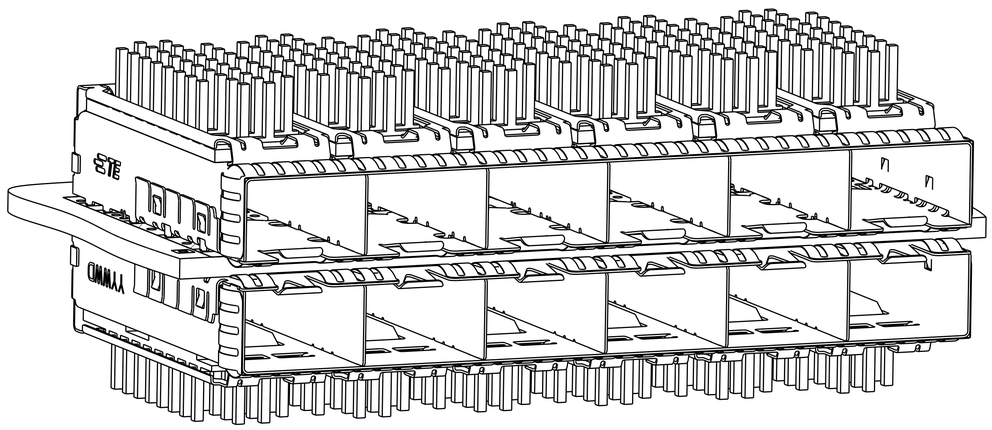
2198235-1,2,3,4,5
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK



2198235-6,7,8,9
FINISHED ASSEMBLY WITH
FIN TYPE HEAT SINK







2198235
MOUNTED BELLY TO BELLY ON PCB
SCALE 3:1

1. MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY.
HEATSINK CLIP: STAINLESS STEEL
HEATSINK: ALUMINUM

2. FINISH:
EMI SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
HEATSINK CLIP: PASSIVATE
HEATSINK: ELECTROLESS NICKEL

3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.

4. PADS AND VIAS CHASSIS GROUND.

5. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.

6. MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.50mm
DOUBLE SIDED = 2.25mm

7. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

8. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

9. REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

10. REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

11. CERTAIN MATING TRANCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD BE DETERMINED BY THE CUSTOMER.

12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.

13. DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE

HEAT SINK	DESCRIPTION	A MAX	APPLICATION	PART NUMBER
FIN TYPE	W/O INSULATING TAPE	22.5	NETWORKING, TALL	2198235-9
FIN TYPE	W/O INSULATING TAPE	18.1	NETWORKING, SHORT	2198235-8
FIN TYPE	W/O INSULATING TAPE	15.5	SAN	2198235-7
FIN TYPE	W/O INSULATING TAPE	13.2	PCI	2198235-6
PIN TYPE	W/ INSULATING TAPE	22.5	NETWORKING, TALL	2198235-5
PIN TYPE	W/O INSULATING TAPE	22.5	NETWORKING, TALL	2198235-4
PIN TYPE	W/O INSULATING TAPE	18.1	NETWORKING, SHORT	2198235-3
PIN TYPE	W/O INSULATING TAPE	15.5	SAN	2198235-2
PIN TYPE	W/O INSULATING TAPE	13.2	PCI	2198235-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°

MATERIAL 1

FINISH 2

DWN B MATTHEWS 15NOV2011
CHK M SCHMITT 15NOV2011
APVD M SCHMITT 15NOV2011
PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

TE Connectivity

NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK

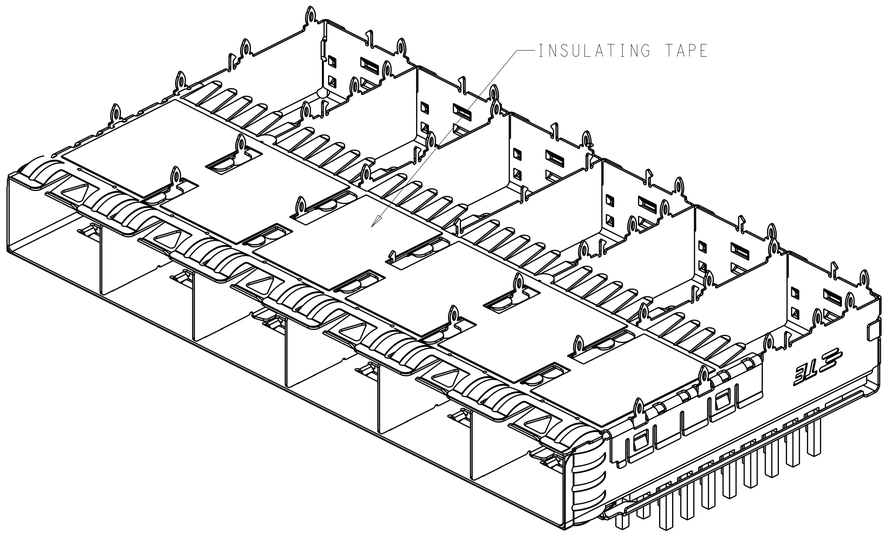
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2198235	-

Customer Drawing | SCALE 4:1 | SHEET 1 OF 7 | REV B2

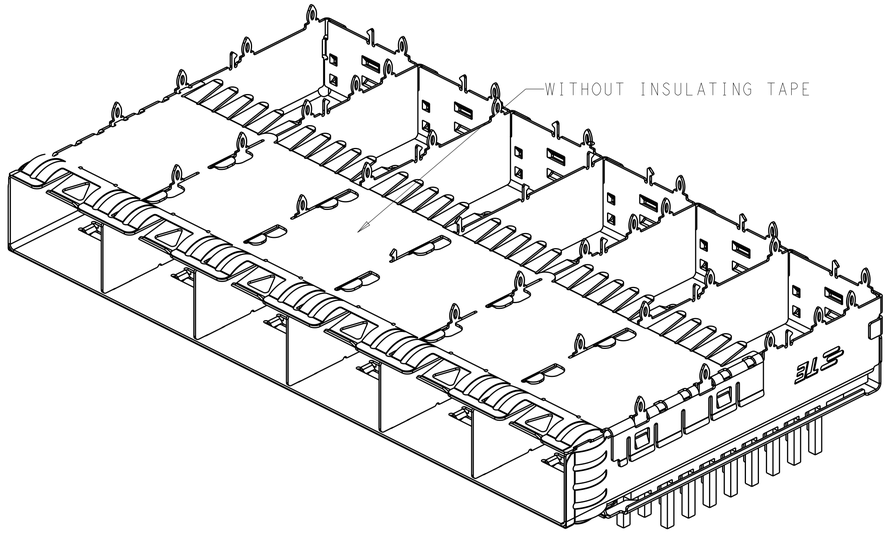
LOC	DIST
GP	00

REVISIONS

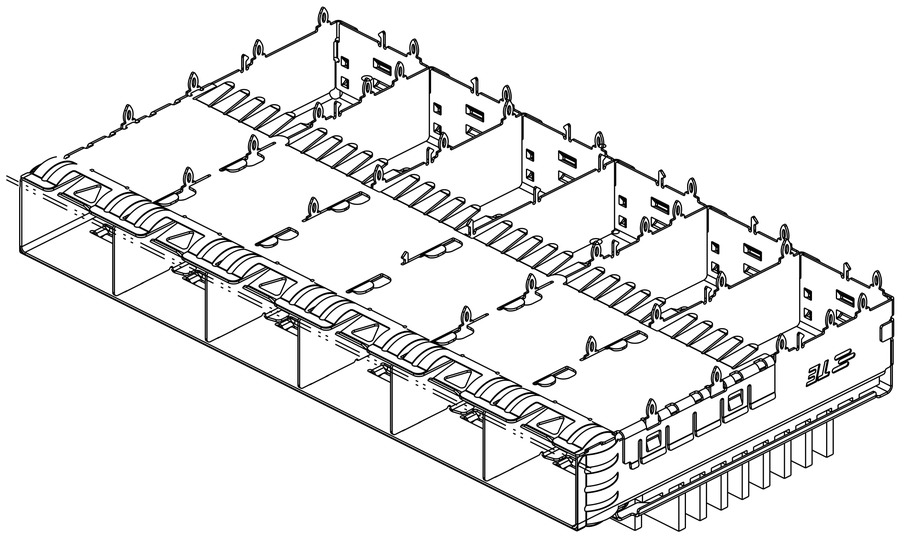
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



2198235-5 AS SHOWN WITH INSULATING TAPE
WITH PIN TYPE HEAT SINK



2198235-1,2,3,4 WITHOUT INSULATING TAPE
WITH PIN TYPE HEAT SINK



2198235-6,7,8,9 AS SHOWN WITHOUT INSULATING TAPE WITH FIN TYPE HEAT SINK

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°

MATERIAL

FINISH

DWN B. MATTHEWS 15NOV2011
CHK M. SCHMITT 15NOV2011
APVD M. SCHMITT 15NOV2011

PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

TE Connectivity

NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2198235	-

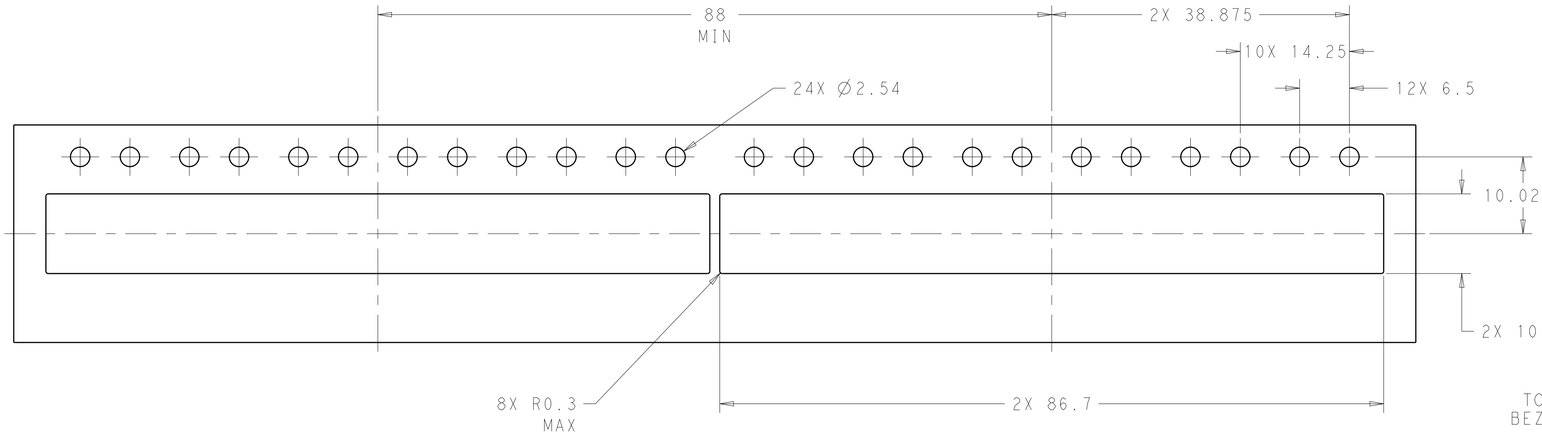
Customer Drawing

SCALE 4:1 SHEET 2 OF 7 REV B2

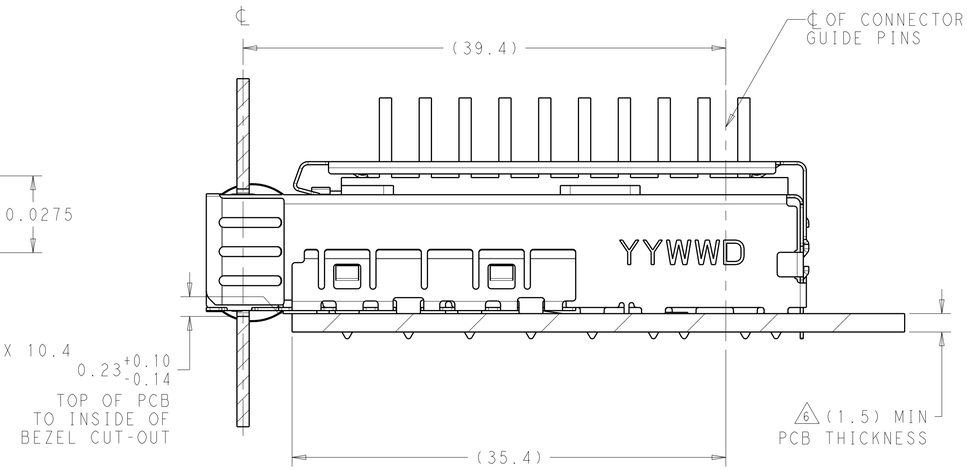
LOC	DIST
GP	00

REVISIONS

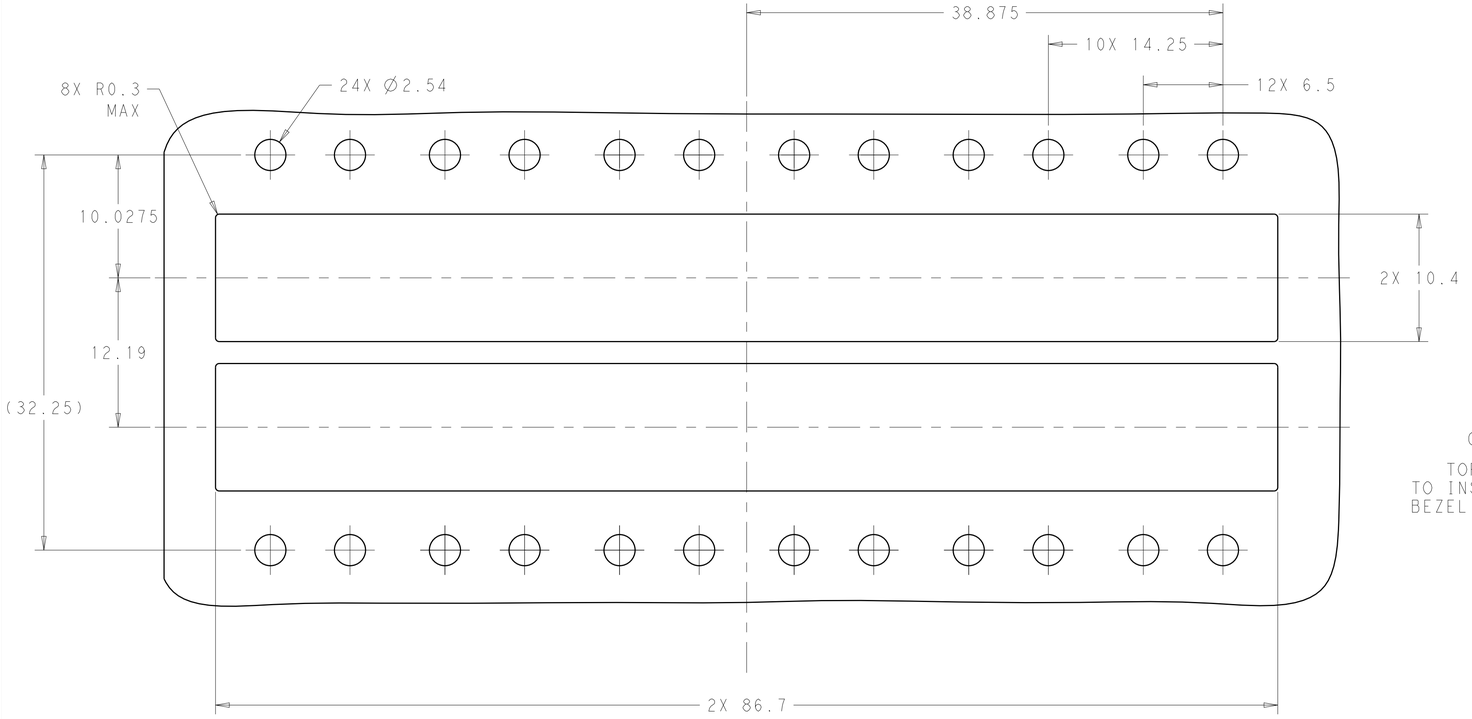
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



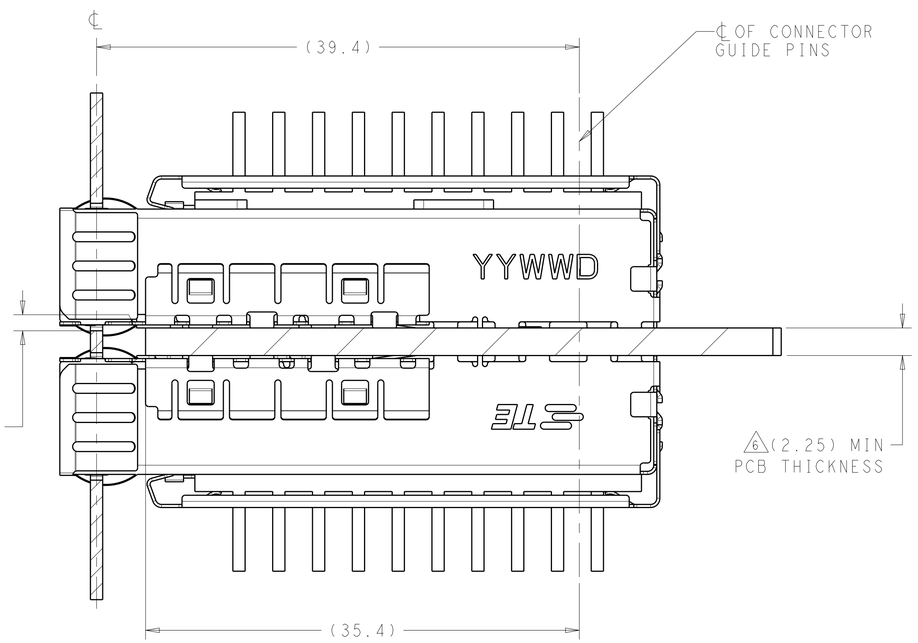
RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS
SCALE 5:2



2198235
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS



2198235
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°

MATERIAL 1

FINISH

DWN B MATTHEWS 15NOV2011
CHK M SCHMITT 15NOV2011
APVD M SCHMITT 15NOV2011

TE Connectivity

NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK

PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

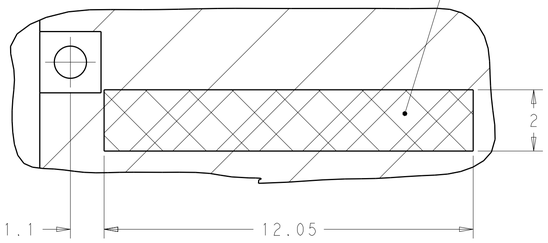
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2198235	-

Customer Drawing | SCALE 4:1 | SHEET 3 OF 7 | REV B2

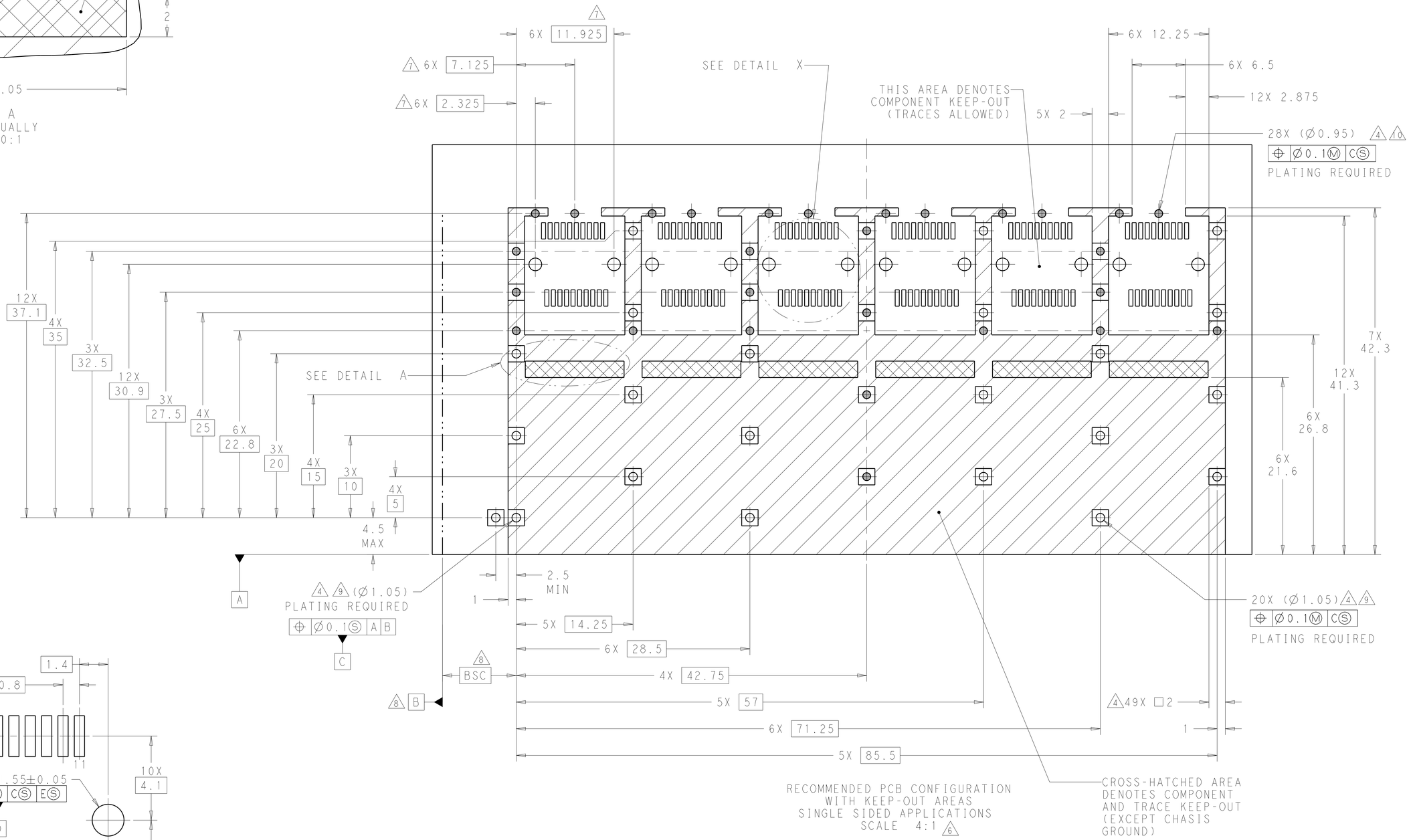
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

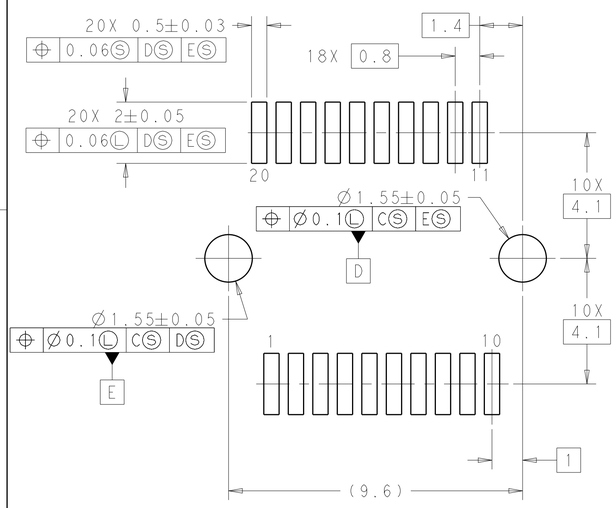


DETAIL A
6X INDIVIDUALLY
SCALE 10:1



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS
SCALE 4:1 6

CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASIS GROUND)



DETAIL X
RECOMMENDED PT CONNECTOR LAYOUT
6X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°

MATERIAL 1

FINISH

DWN B. MATTHEWS 15NOV2011
CHK M. SCHMITT 15NOV2011
APVD M. SCHMITT 15NOV2011
PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

TE Connectivity

NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK

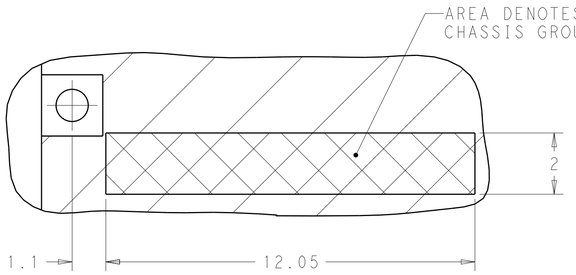
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2198235	-

Customer Drawing | SCALE 4:1 | SHEET 4 OF 7 | REV B2

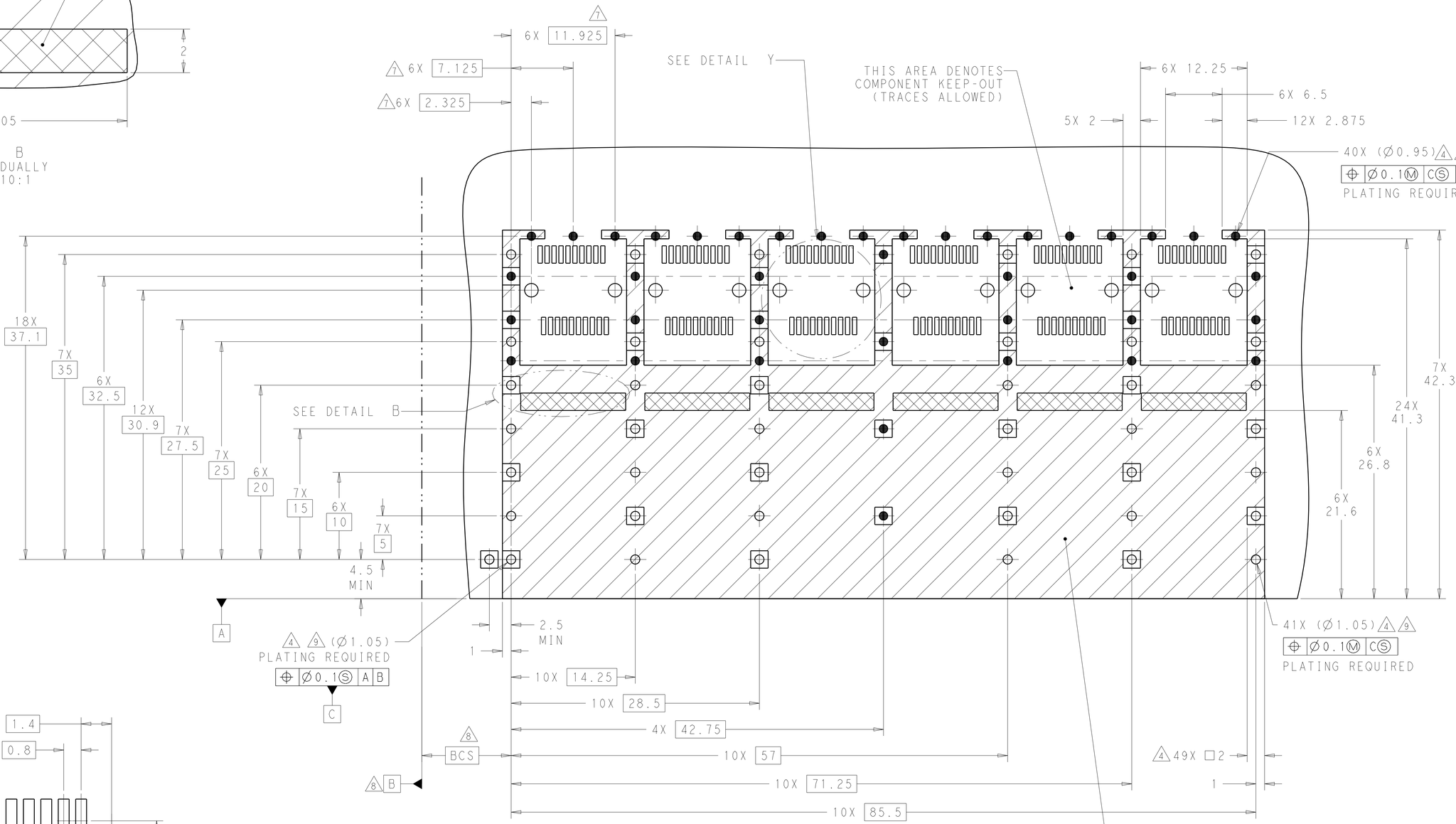
LOC	DIST
GP	00

REVISIONS

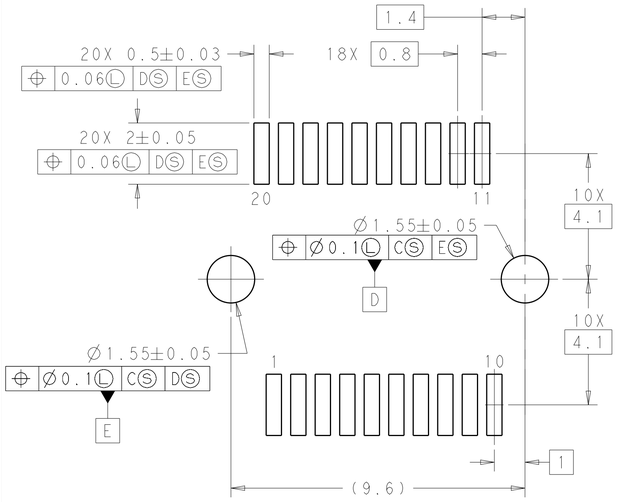
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



DETAIL B
6X INDIVIDUALLY
SCALE 10:1



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS
SCALE 4:1 6



DETAIL Y
RECOMMENDED PT CONNECTOR LAYOUT
12X INDIVIDUALLY
SCALE 10:1

THIS PRINT IS
PRELIMINARY
UNQUALIFIED PRODUCT
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°

MATERIAL 1
FINISH

DWN B. MATTHEWS 15NOV2011
CHK M. SCHMITT 15NOV2011
APVD M. SCHMITT 15NOV2011
PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

TE Connectivity

NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK

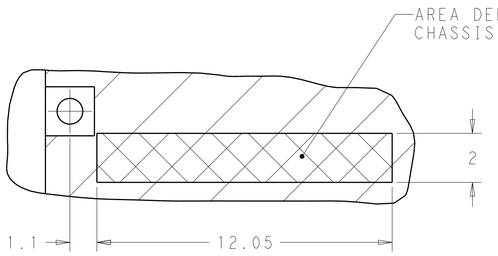
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2198235	-

Customer Drawing | SCALE 4:1 | SHEET 5 OF 7 | REV B2

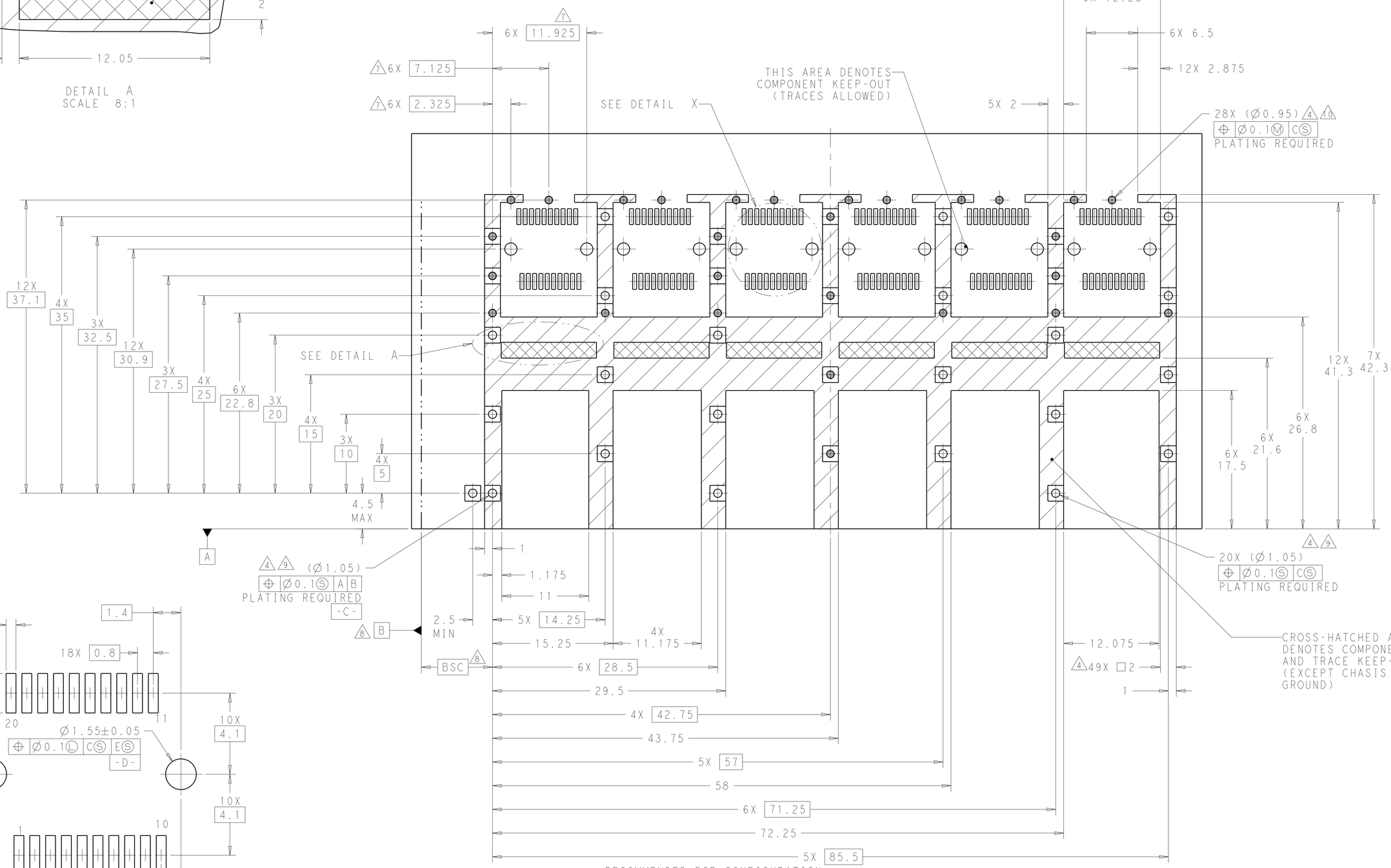
LOC	DIST
GP	00

REVISIONS

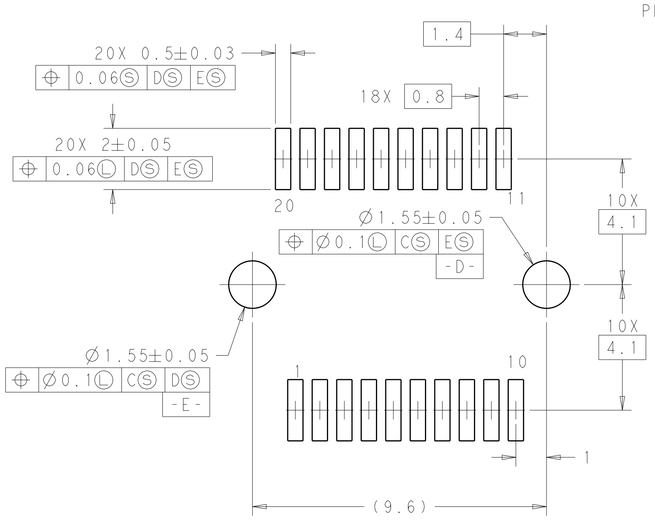
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



DETAIL A
SCALE 8:1



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS
FOR WITH INSULATING TAPE PART 6



RECOMMENDED PT CONNECTOR LAYOUT
6X INDIVIDUALLY
DETAIL X
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°

MATERIAL

FINISH

DWN B. MATTHEWS 15NOV2011
CHK M. SCHMITT 15NOV2011
APVD M. SCHMITT 15NOV2011
PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

TE Connectivity

NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2198235 | RESTRICTED TO -

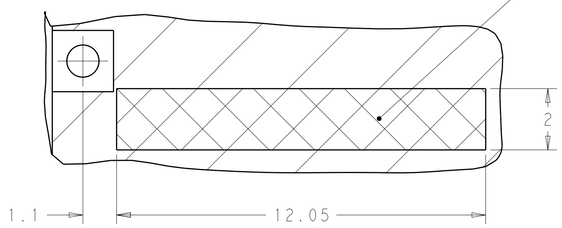
Customer Drawing | SCALE 4:1 | SHEET 6 OF 7 | REV B2

LOC	DIST
GP	00

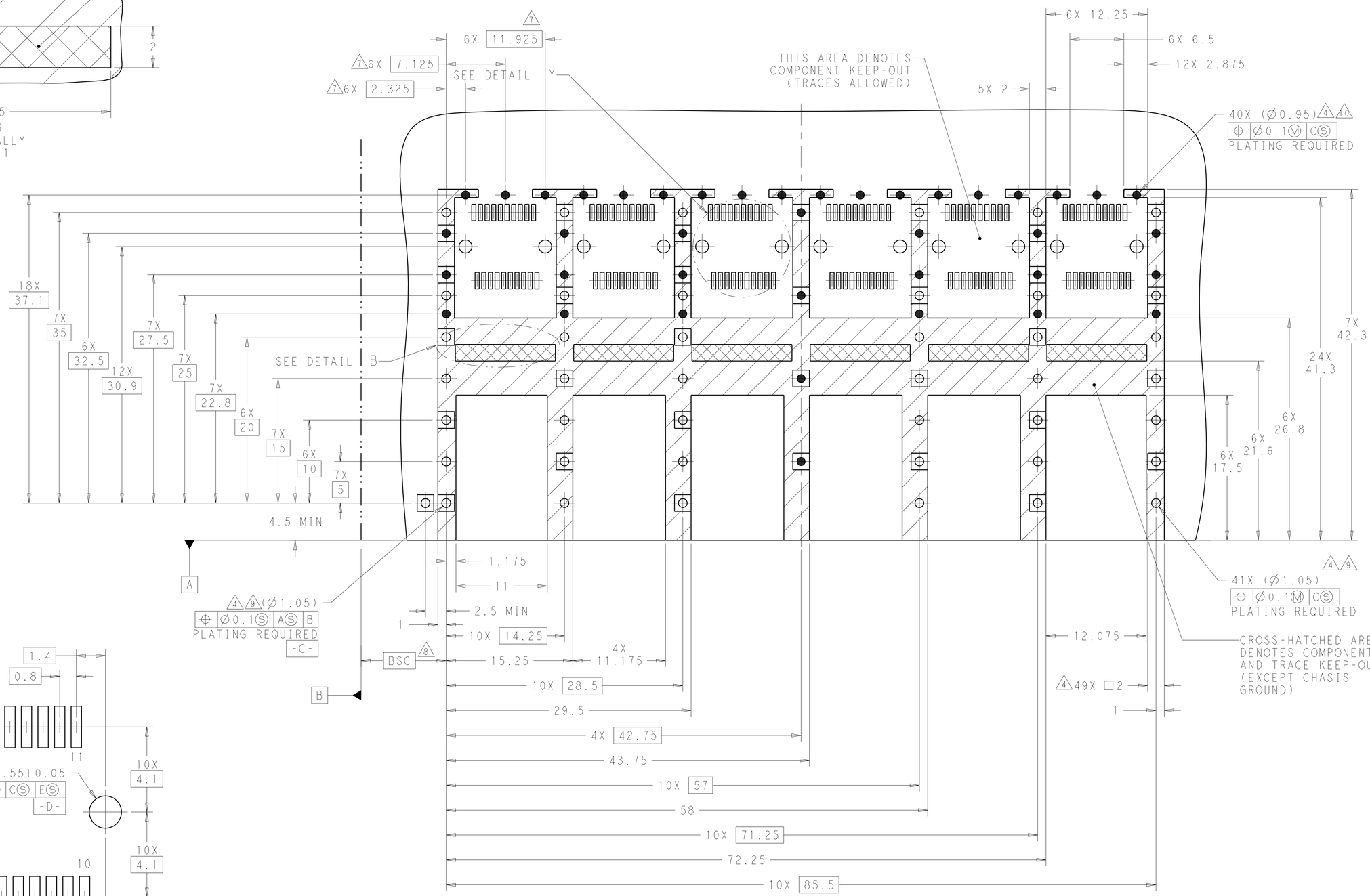
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

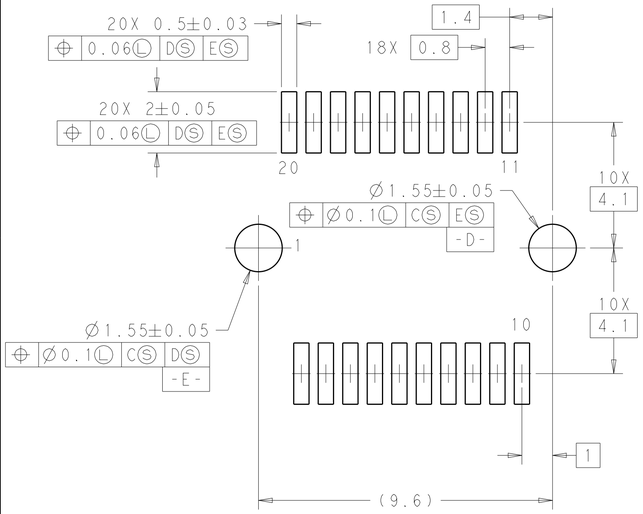
AREA DENOTES EXPOSED CHASSIS GROUND



DETAIL B
6X INDIVIDUALLY
SCALE 10:1



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS
FOR WITH INSULATING TAPE PART 6



DETAIL Y
RECOMMENDED PT CONNECTOR LAYOUT
12X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.1
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±1°

MATERIAL
FINISH

DWN B. MATTHEWS 15NOV2011
CHK M. SCHMITT 15NOV2011
APVD M. SCHMITT 15NOV2011

TE Connectivity

NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK

PRODUCT SPEC 108-2364
APPLICATION SPEC 114-13120
WEIGHT -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2198235	-

Customer Drawing

SCALE 4:1 SHEET 7 OF 7 REV B2

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9