

DO NOT  
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THIS PRINT

## DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

QSFP-PC-PF-XX-XX

STYLE  
(LEAVE BLANK FOR STANDARD)  
\*-F: FLYOVER

## TERMINATION

OPTION

- 01: WITHOUT HEAT SINK
- 02: WITH HEAT SINK ASSEMBLED  
(SEE NOTE 4)
- 03: WITH HEAT SINK AND CLIP  
PACKAGED SEPARATELY

\* = NOT RELEASED

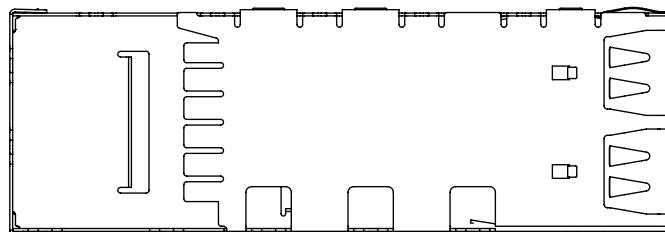
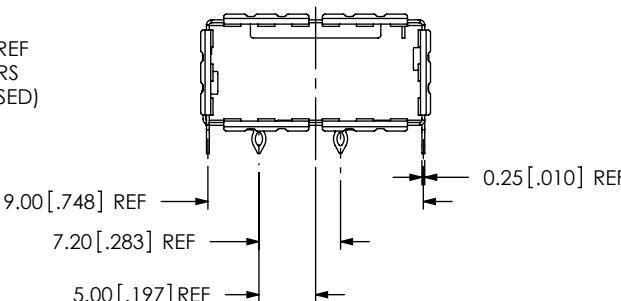
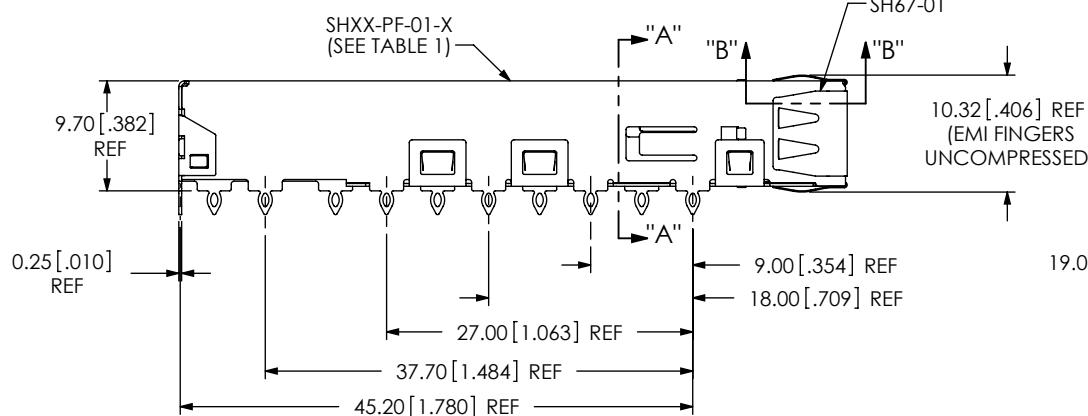
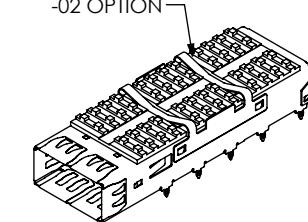
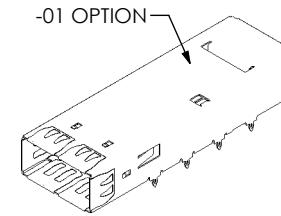
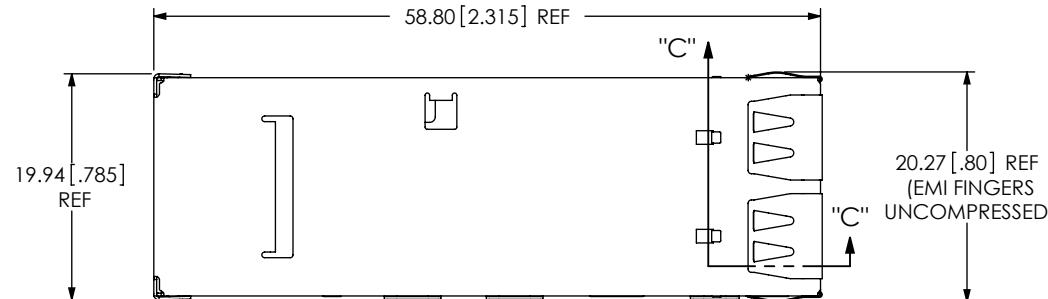


FIG 1  
QSFP-C-PF-01 SHOWN

TABLE 1		
OPTION	STYLE	SHXX-PF-01-X
-01	STANDARD	SH59-PF-01-X
	*-F	SH81-PF-01-X
-02	STANDARD	SH59-PF-02-X
	*-F	SH81-PF-02-X
-03	STANDARD	SH59-PF-02-X
	*-F	SH81-PF-02-X

## NOTES:

1.  REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 1.11N(.25 LB)
3. ALL PARTS MUST BE PACKAGED IN TUBES.
4. HEAT SINK MUST BE REMOVED PRIOR TO TERMINATION TO PRINTED CIRCUIT BOARD.
5. SEE QSFP-CF APPLICATION FOR ADDITIONAL TERMINATION INSTRUCTIONS.
6. -F STYL E TO USE SAME TUBE & PLUG AS STANDARD.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS  
TOLERANCES ARE:  
DECIMALS                    ANGLES  
X.X:  $\pm 0.3$  [.01]            2 °  
X.XX:  $\pm 0.13$  [.005]  
X.XXX:  $\pm 0.051$  [.00201]

**MATERIAL:** DO NOT SCALE DRAWING **SHEET SCALE:** 1:5  
CAGE: COPPER ALLOY  
CLIP: STAINLESS STEEL  
EMI FINGERS: STAINLESS STEEL  
HEAT SINK: ALUMINUM ALLOY

©Caterpillar 2014 Dwg1 MISC Mktg QSPRC BE XX YX Mkt S L DDPW

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**520 PARK EAST BLVD, NEW ALBANY, IN 47150**  
**PHONE: 812-944-6733 FAX: 812-948-5047**

ION:  
QSFP CAGE  
QSFP-PC-PF-XX-X  
VICKY Z 09/07/2010 SHEET 1

REVISION G

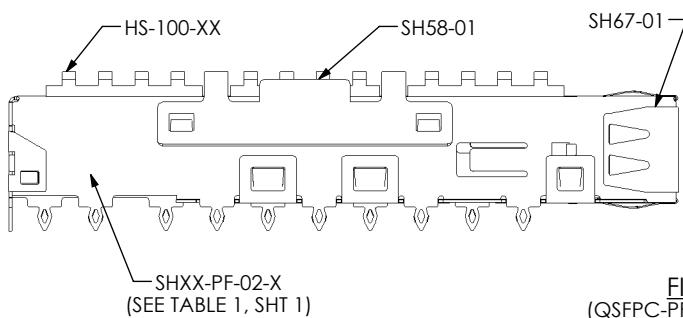
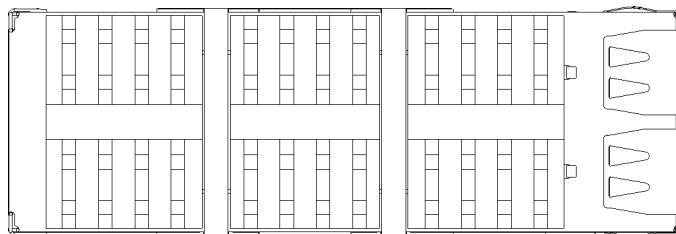
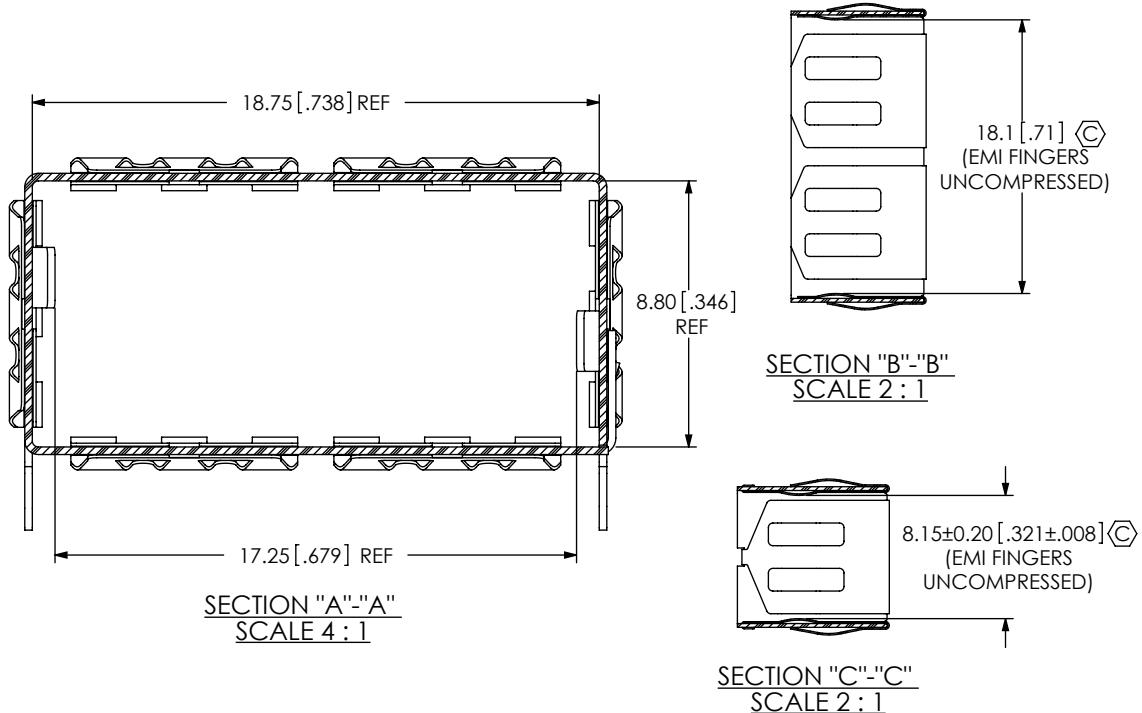
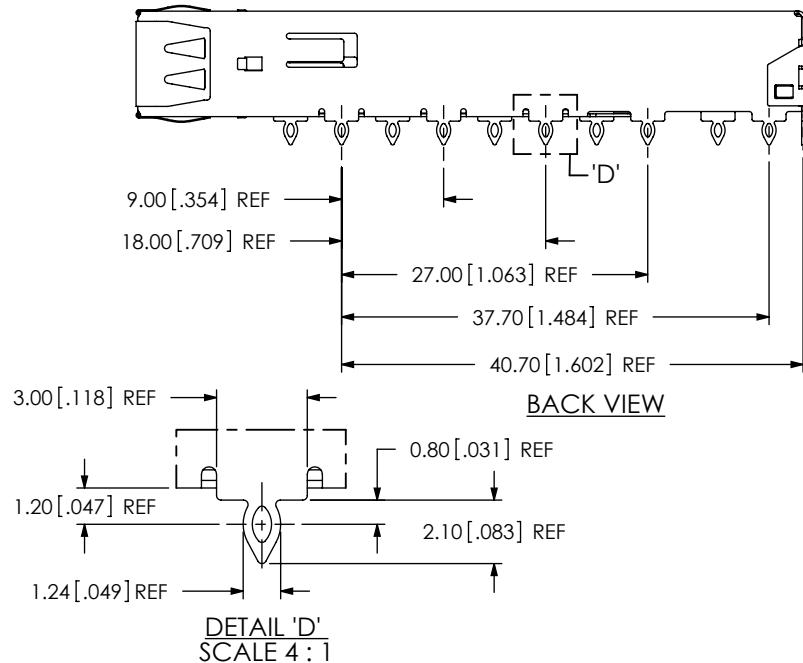
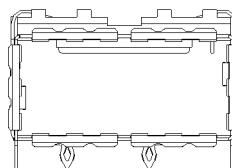


FIG 2  
(QSFP-PC-PF-02 SHOWN)  
(SAME AS FIG 1, EXCEPT AS SHOWN)



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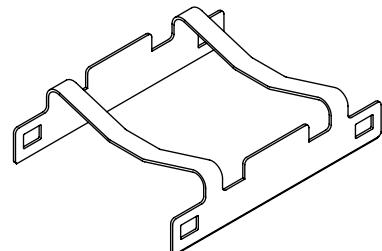
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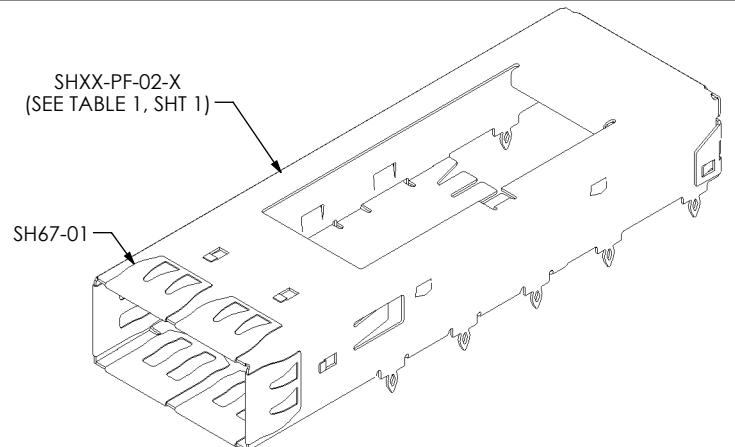
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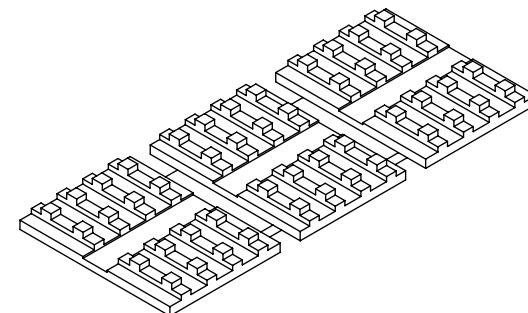
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DWG. NO. QSFP-PC-PF-XX-X  
BY: VICKY Z 09/07/2010 SHEET 2 OF 4



SH58-01

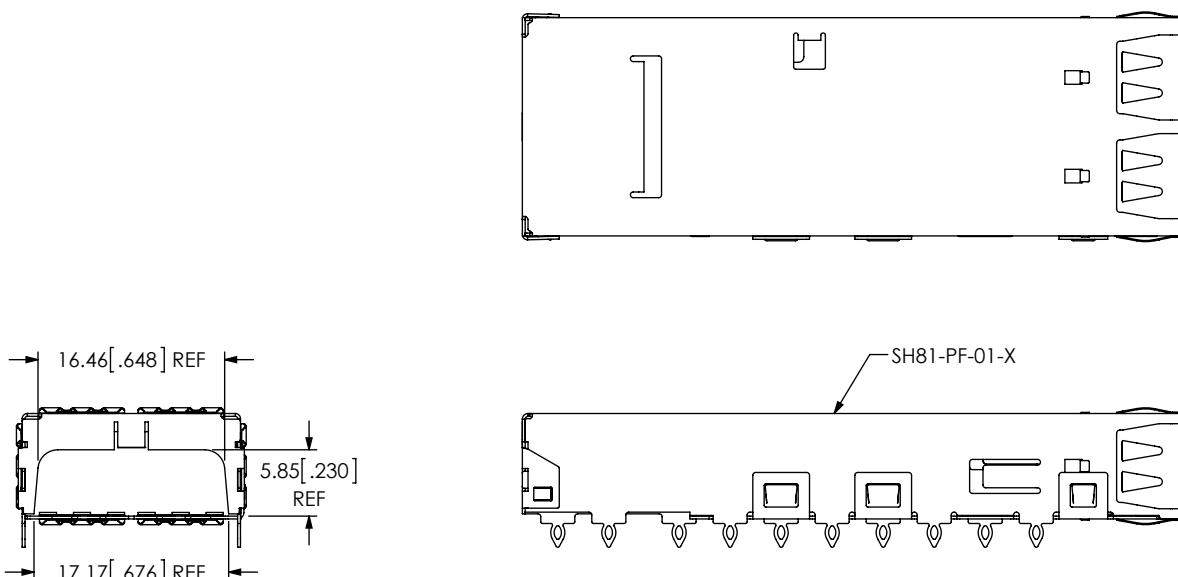


QSFP-C-PF-03



HS-100-01

**FIG 3**  
(QSFP-C-PF-03 SHOWN)  
(SAME AS FIG 1, EXCEPT AS SHOWN)



**FIG 4**  
QSFP-C-PF-01-F SHOWN  
(NOT RELEASED)  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(SEE NOTE 6)

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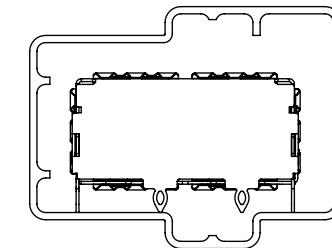
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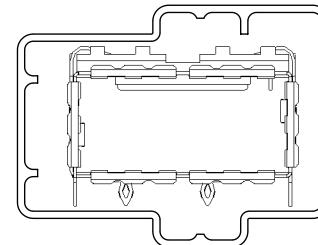
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DWG. NO.	QSFP-C-PF-XX-X
BY:	VICKY Z 09/07/2010
SHEET 3 OF 4	



QSFP-C-PF-01  
(SEE NOTES 3 & 6)

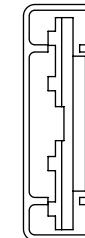
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PLUG: TP-04



QSFP-C-PF-02  
(SEE NOTES 3 & 6)

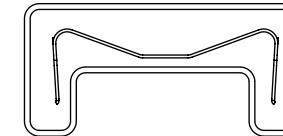
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PACKAGING VIEWS



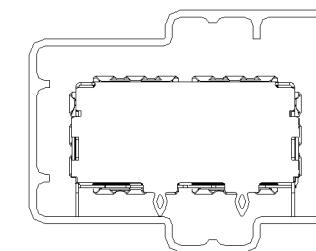
HEAT SINK  
HS-100-01  
(SEE NOTE 3)

TUBE: PT-1-24-14-29  
PLUG: TP-03



SHIELD  
SH58-01  
(SEE NOTE 3)

TUBE: PT-1-24-01-34  
PLUG: TP-07



QSFP-C-PF-03  
(SEE NOTES 3 & 6)

TUBE: PT-RPB1001  
PLUG: TP-04

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SHEET SCALE: 1:5:1

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SHEET 4 OF 4	