REVISION A

ESD SENSITIVE

DO NOT SCALE FROM THIS PRINT

REF-200772-XXX-XX-01

DATA RATE	CHANNEL COUNT
-25G: 25 GBPS	-04
-28G: 28 GBPS	-08
	-12
	-16

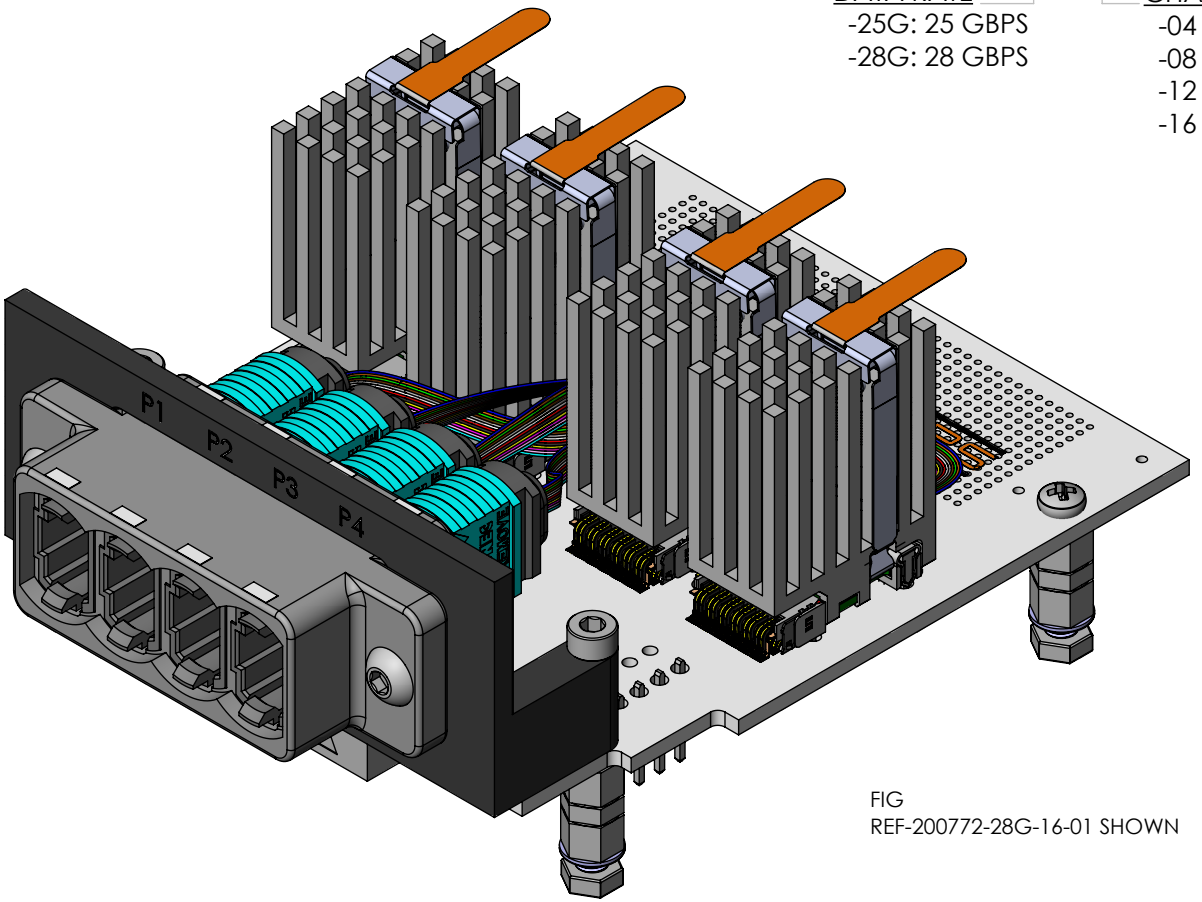

FIG
REF-200772-28G-16-01 SHOWN

NOTES:
1. PACKAGING NOT SHOWN FOR CLARITY

NOTES:
DUST PLUGS TO BE INSTALLED IN EACH FRONT PANEL MPO SLOT (NOT SHOWN FOR CLARITY) .

TOLERANCES DO NOT APPLY TO REFERENCE DIMENSIONS.
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01[.3] 2 °
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING SHEET SCALE: 1:2

MATERIAL:

DESCRIPTION:
25/28 GBPS FIREFLY FMC+ DEVELOPMENT KIT

DWG. NO.
REF-200772-XXX-XX-01

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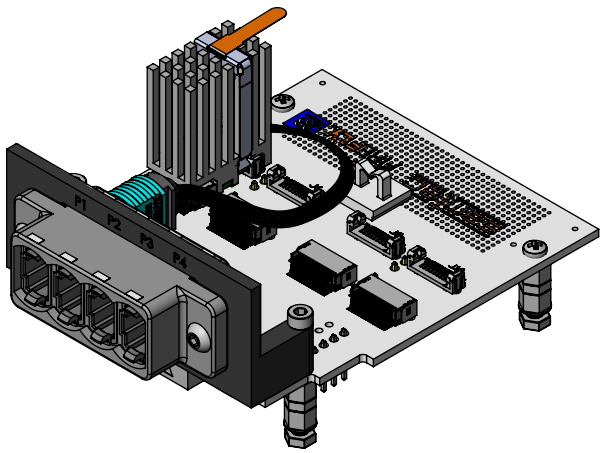
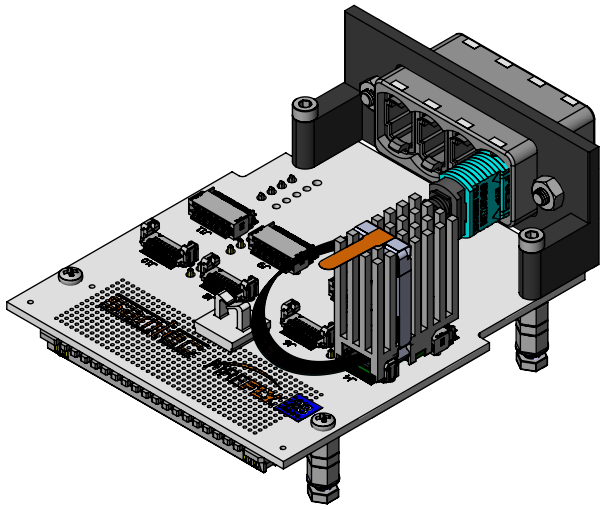
BY: FABIAN F 03/13/2018 SHEET 1 OF 3

REVISION A

FIG
REF-200772-28G-04-01 SHOWN





FIG
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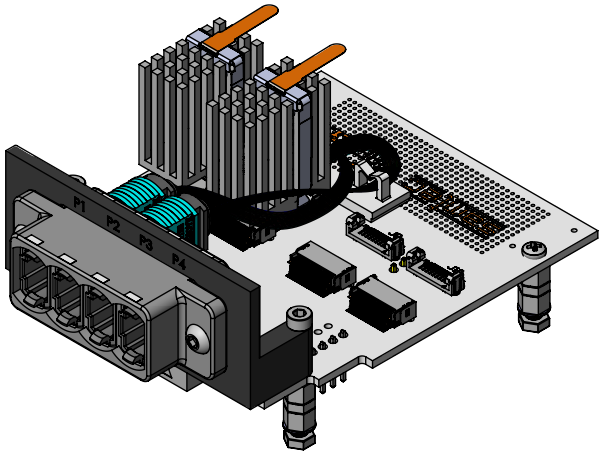

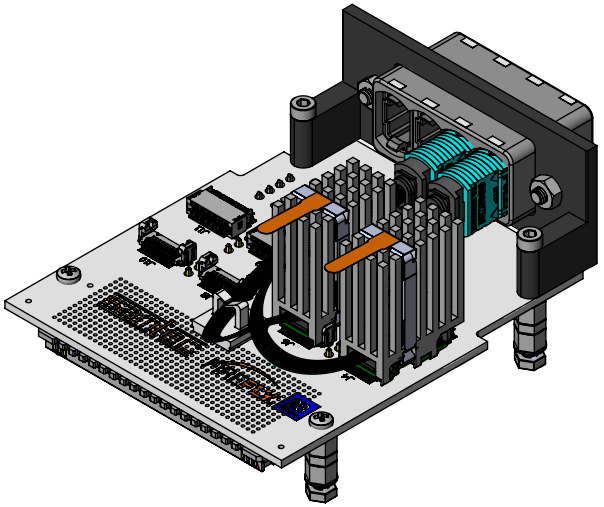

FIG
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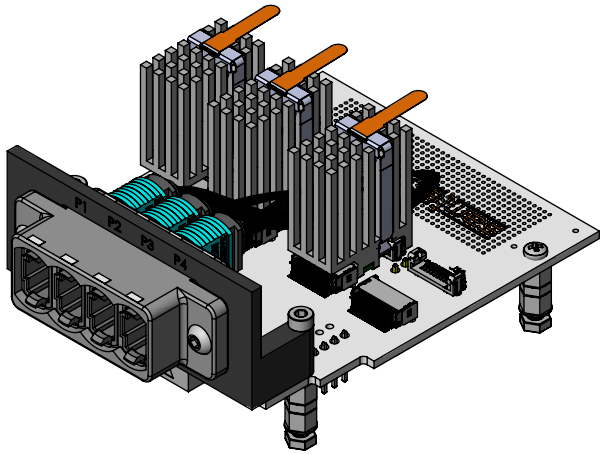

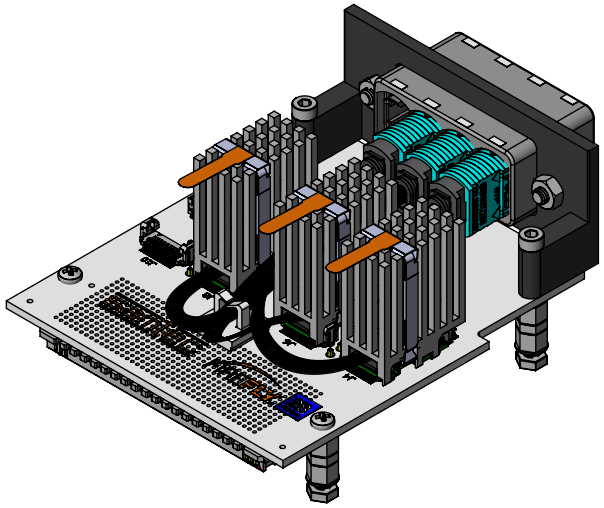

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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DESCRIPTION:
25/28 GBPS FIREFLY FMC+ DEVELOPMENT KIT

DWG. NO.
REF-200772-XXX-XX-01

BY: FABIAN F 03/13/2018 SHEET 2 OF 3

REVISION A

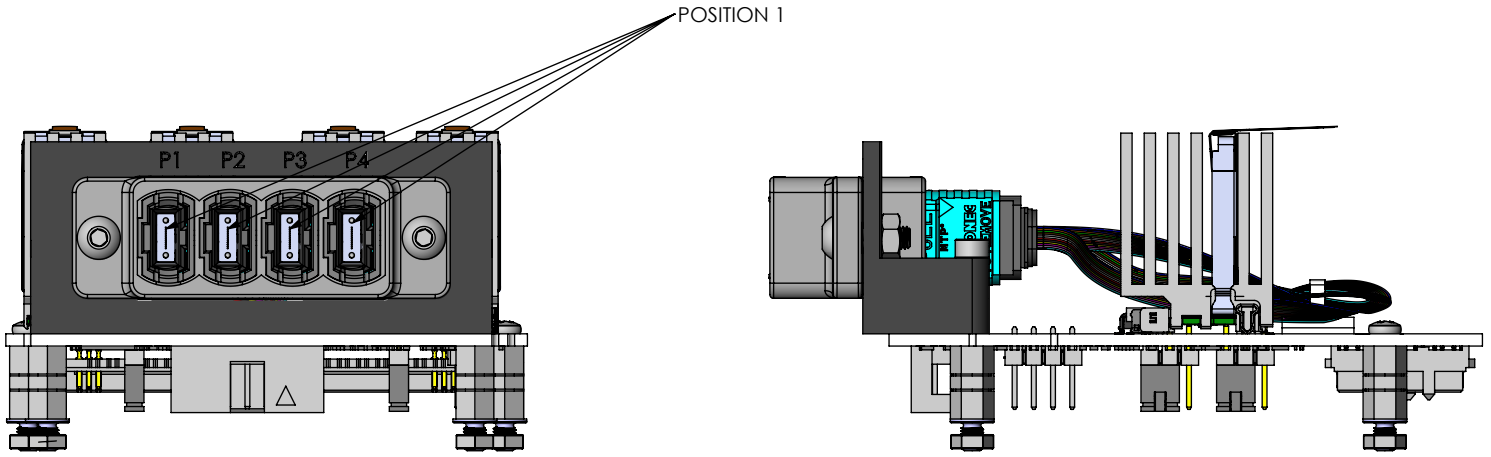

TABLE 1: FIREFLY CABLE ASSEMBLY QTY		
CHANNELS	QTY	COST QTY
-04	1	1
-08	2	2
-12	3	3
-16	4	4

TABLE 2: FIREFLY CABLE ASSEMBLY P/N	
DATA RATE	PART NUMBER
-25G	OTP-200941-01-ECUO
-28G	OTP-200940-01-ECUO

BOM TABLE					
ITEM	PART NUMBER	QTY	COST QTY	DESCRIPTION	UOM
1	PCBA-200771-01	1	1	PCB ASSEMBLY	EACH
2	TABLE 2	TABLE 1	TABLE 1	FIREFLY CABLE ASSEMBLY	EACH
3	QSFP-MTP-LOOPBACK-OM3-F*	1	1	OPTICAL LOOPBACK	EACH
4	CCS-197624-01-MC*	1	1	CLEANING STICK	EACH
5	CCS-197623-01-MC*	1	1	CLEANING PAD	EACH
6	CCS-204491-01-MC*	1	1	INSERT	EACH
7	FP-FMC002*	1	1	PACKAGING BOX	EACH
8	TBD*	1	1	PACKAGING SLEEVE	EACH
9	BG-04-06*	1	1	PACKAGING BAG	EACH
10	LABEL-SENSITIVE-ELE*	1	1	ESD LABEL	EACH

*ITEM NOT SHOWN

SIGNAL MAP							
P1		P2[1]		P3[2]		P4[3]	
FUNCTION	POSITION	FUNCTION	POSITION	FUNCTION	POSITION	FUNCTION	POSITION
Rx1	1	Rx5	1	Rx9	1	Rx13	1
Rx2	2	Rx6	2	Rx10	2	Rx14	2
Rx3	3	Rx7	3	Rx11	3	Rx15	3
Rx4	4	Rx8	4	Rx12	4	Rx16	4
DARK	5	DARK	5	DARK	5	DARK	5
DARK	6	DARK	6	DARK	6	DARK	6
DARK	7	DARK	7	DARK	7	DARK	7
DARK	8	DARK	8	DARK	8	DARK	8
Tx4	9	Tx8	9	Tx12	9	Tx16	9
Tx3	10	Tx7	10	Tx11	10	Tx15	10
Tx2	11	Tx6	11	Tx10	11	Tx14	11
Tx1	12	Tx5	12	Tx9	12	Tx13	12

[1]NOT POPULATED FOR CHANNEL COUNT -04
[2]NOT POPULATED FOR CHANNEL COUNT -04 AND -08
[3]NOT POPULATED FOR CHANNEL COUNT -04, -08 AND -12

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25/28 GBPS FIREFLY FMC+ DEVELOPMENT KIT

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BY: FABIAN F 03/13/2018 SHEET 3 OF 3

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