

DESIGNED AND DIMENSIONED IN MILLIMETERS
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

PCUO-G3-XX-XXX

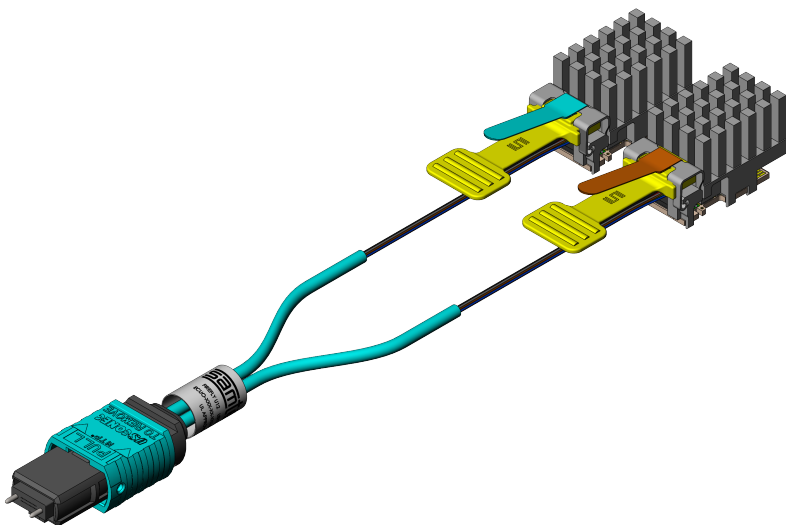
LENGTH (cm)
SEE NOTE 1

*WIDTH
-04
-08

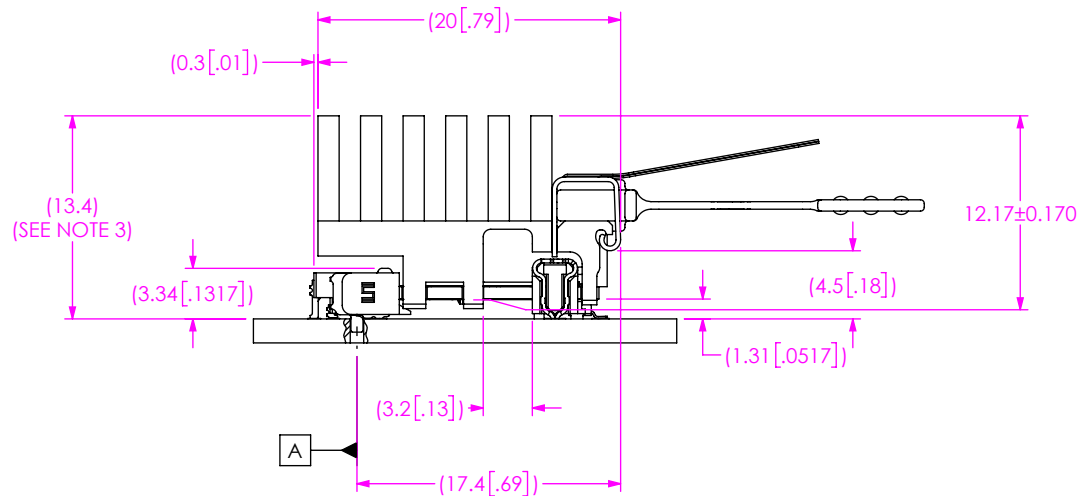
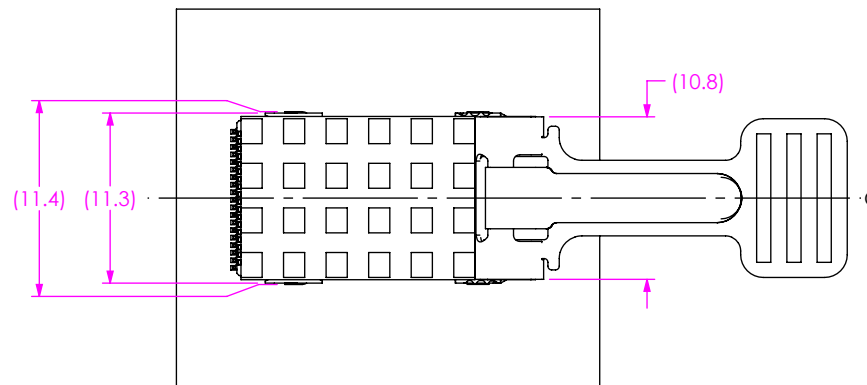
DO NOT
SCALE FROM
THIS PRINT

TABLE 1: LENGTH TOLERANCE	
LENGTH (cm)	TOLERANCE (cm)
010-016	±0.16
>016	±1%

TOLERANCE ROUNDED TO 2 DECIMAL PLACES



PCUO-G3-08-XXX SHOWN



- NOTES:
1. MINIMUM ASSEMBLY LENGTH: 10 cm
 2. DUST CAP NOT SHOWN FOR CLARITY.
 3. MATED HEIGHT OF THE FIREFLY HEAT SINK COMPLIES WITH THE MAX HEIGHT ALLOWED FOR A SINGLE SLOT PCI EXPRESS ADD-IN CARD.
 4. DIMENSIONED FROM THE CENTER OF THE ALIGNMENT HOLE AS SHOWN ON THE UEC5/UCC8 CONNECTOR FOOTPRINT.

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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: 2:1

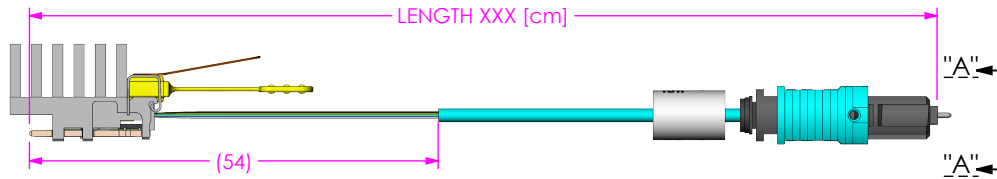
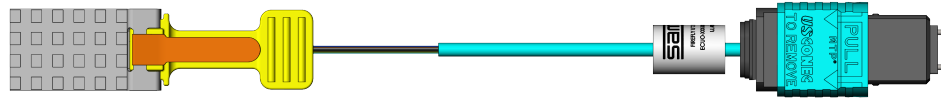
DESCRIPTION: PCUO G3 ASSEMBLY

DWG. NO. PCUO-G3-XX-XXX

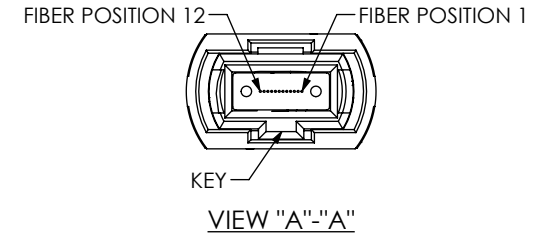
BY: JEAN W. 06/06/2016 SHEET 1 OF 3

REVISION E

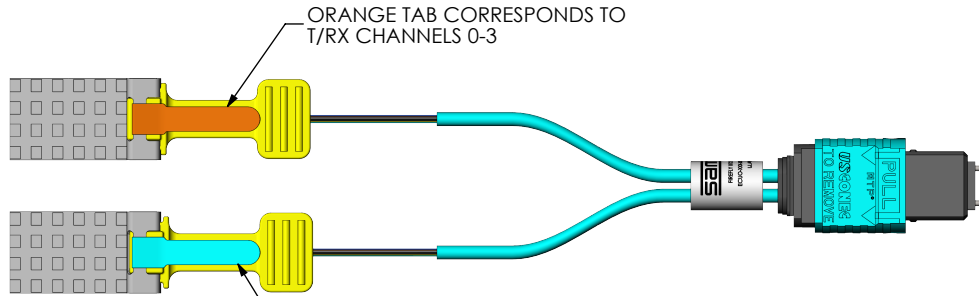
PCUO-X4 SIGNAL MAP	
FUNCTION	FIBER POSITION
Rx0	1
Rx1	2
Rx2	3
Rx3	4
NC	5
NC	6
NC	7
NC	8
Tx3	9
Tx2	10
Tx1	11
Tx0	12



PCUO-G3-04-XXX SHOWN

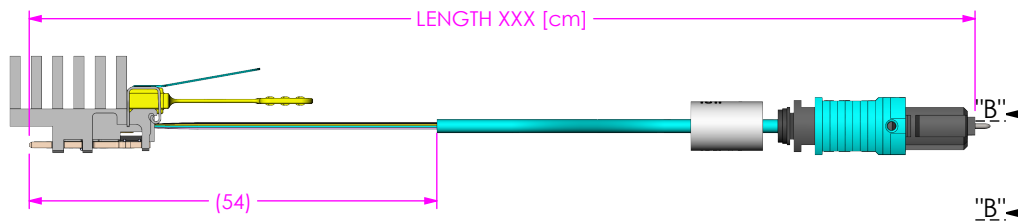


PCUO x8 SIGNAL MAP	
FUNCTION	FIBER POSITION
Rx0	1
Rx1	2
Rx2	3
Rx3	4
NC	5
NC	6
NC	7
NC	8
Rx4	9
Rx5	10
Rx6	11
Rx7	12
Tx0	13
Tx1	14
Tx2	15
Tx3	16
NC	17
NC	18
NC	19
NC	20
Tx4	21
Tx5	22
Tx6	23
Tx7	24

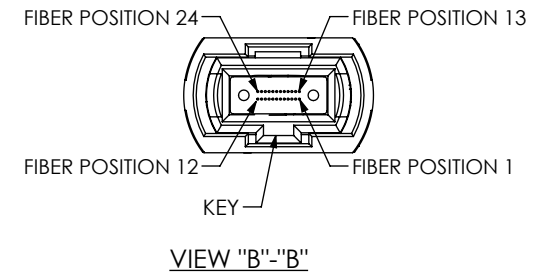


ORANGE TAB CORRESPONDS TO T/RX CHANNELS 0-3

BLUE TAB CORRESPONDS TO T/RX CHANNELS 4-7



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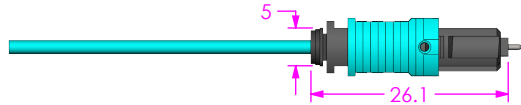
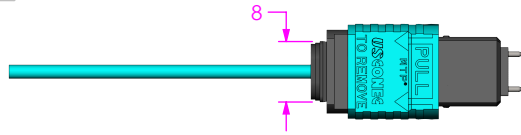
DO NOT SCALE DRAWING

SHEET SCALE: 1:2

DESCRIPTION: PCUO G3 ASSEMBLY

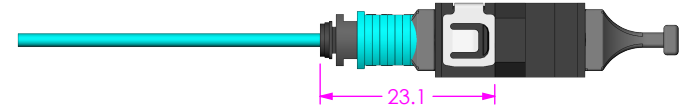
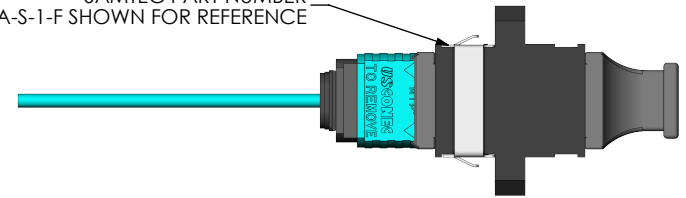
DWG. NO. PCUO-G3-XX-XXX

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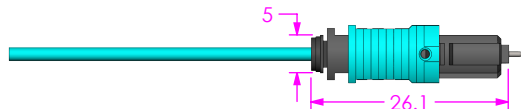
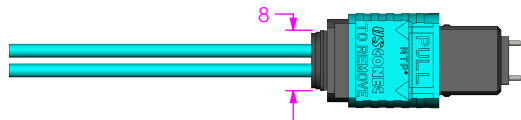


PCUO-G3-04-XXX PASSIVE OPTICAL CONNECTOR

SAMTEC PART NUMBER
OPA-S-1-F SHOWN FOR REFERENCE

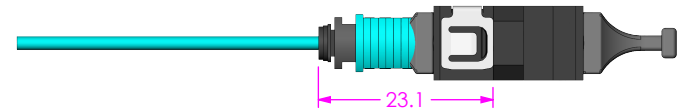
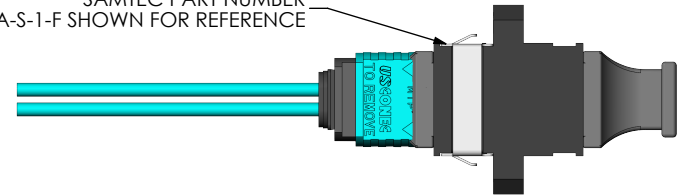


PCUO-G3-04-XXX PASSIVE OPTICAL CONNECTOR
MATED WITH BULKHEAD

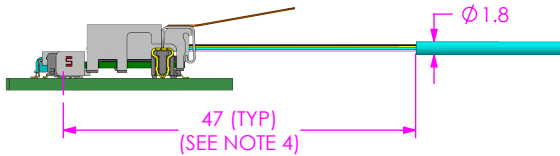


PCUO-G3-08-XXX PASSIVE OPTICAL CONNECTOR

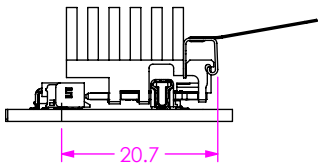
SAMTEC PART NUMBER
OPA-S-1-F SHOWN FOR REFERENCE



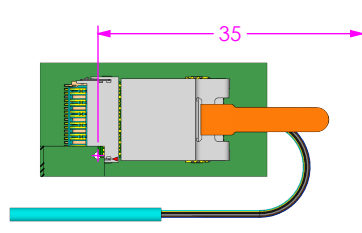
PCUO-G3-08-XXX PASSIVE OPTICAL CONNECTOR
MATED WITH BULKHEAD



FIBER DETAIL



KEEP OUT AREA FOR DEMATING
REFER TO UEC5 FOOTPRINT DRAWING
FOR DETAILED KEEPOUT AREAS



CABLE ESCAPE DETAIL

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SHEET SCALE: 1:1



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DWG. NO.	PCUO-G3-XX-XXX
BY: JEAN W.	06/06/2016 SHEET 3 OF 3