REVISION F

DO NOT

THIS PRINT

CALE FROM

ESD SENSITIVE

	TABLE 1: ASSEMBLY LENGTH LIMITS [cm]														
			MIN								MAX				
			END OPTION							HEAT SINK					
_			BLANK	-01	-02	-07	-0A	-0C	-0E	-1	-2	-3	-4	-5	
	PE	-5	12	11	11	10	9	9	8	100	100	50	100	10	
	RTY	-6	12	11	11	10	9	9	8	100	100	50	100	10	

TABLE 2: LENGTH TOLERANCE								
ASSEMBLY LENGTH (cm)	TOLERANCE (cm)*							
000-016	±0.16							
017-999	±1%							

* ROUNDED UP TO 2 DECIMAL PLACES

ETUO-B04-XX-XXX-0-X-1-X-XX

DATA RATE -10: 10 Gbps -25: 25.7 Gbps

ASSEMBLY LENGTH -XXX: LENGTH (cm) SEE TABLES 1, 2

HEAT SINK

-1: FLAT -2: PIN FIN

-3: FLAT WITH GROOVE (SEE NOTE 2)

-4: PCIe® PIN FIN (-10 DATA RATE ONLY)

-5: 1.75 cm TALL PIN FIN (-25 DATA RATE ONLY)

END OPTION

LEAVE BLANK FOR AOC

-01: MTP® MALE

-02: MTP® FEMALE -07: MXC® INTERNAL PLUG

-0A: VITA 66.1/66.4 READY (SEE NOTE 8)

-OC: MT38999 MALE (SEE NOTE 9) -0E: MPO PLUS® BAYONET MÁLE

FIBER TYPE

-5: BLACK JACKETED RIBBON WITH BOOT

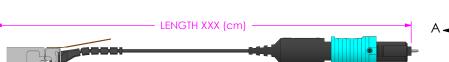
-6: BLACK JACKETED RIBBON

-7: BLACK LOOSE TUBE WITH BOOT

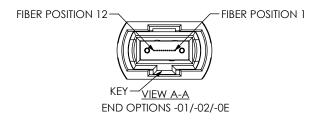
-8: BLACK LOOSE TUBE

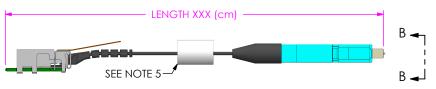


PART NUMBER ETUO-B04-XX-XXX-0-1-1-5 SHOWN

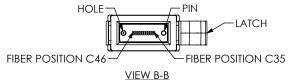


PART NUMBER ETUO-B04-XX-XXX-0-1-1-5-01 SHOWN





PART NUMBER ETUO-B04-XX-XXX-0-1-1-5-07 SHOWN



END OPTION -07 SEE NOTE 1

NOTES:

QUANTITY OF LENSES PRESENT MAY VARY. FIBER POSITION DOES NOT CHANGE REGARDLESS OF THE NUMBER OF LENSES PRESENT

- GROOVE ALLOWS ONE JACKETED RIBBON (FIBER TYPE -5/-6) OF CABLE LENGTH MAX 50 CM OR TWO CABLES OF JACKETED LOOSE TUBE (FIBER TYPE -7/-8) TO PASS ABOVE HEAT SINK AND UNDER COLD PLATE
- FIREFLY MUST BE INSTALLED IN A NO-TENSION STATE FREE FROM DYNAMIC FLEXING
- ALL MTP®/MPO ARE INTERMATABLE WITH CONNECTOR ADHERING TO TIA-604-5 4. ALL CABLES WITH A LENGTH GREATER THAN 50 cm ARE LABELED. LABEL TO CONTAIN PART NUMBER AND SERIAL NUMBER INFORMATION
- DUST CAPS REMOVED FROM ALL VIEWS FOR CLARITY
- YELLOW LATCH PINS NOT SHOWN FOR CLARITY. SEE FIREFLY INSTALLATION INSTRUCTIONS FOR MORE DETAILS.
- FOR USE WITH TE VITA 66.1 (2000974-1) AND VITA 66.4 (2226881-1) DAUGHTER CARD PART
- 9. ASSEMBLIES SHIPPED WITH AMPHENOL PART NUMBER CF-594711-01S INSTALLED

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. ALL DIMENSIONS ARE FOR REFERENCE ONLY

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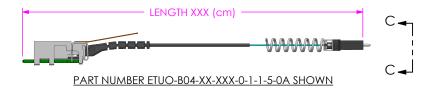


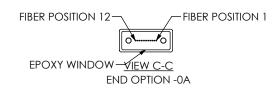
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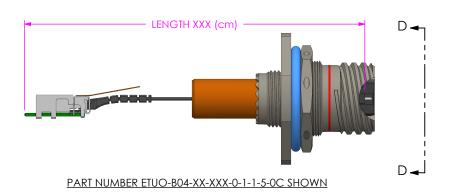
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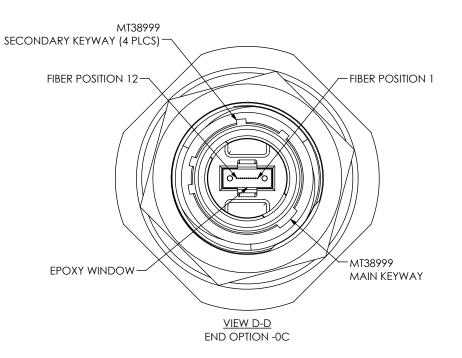
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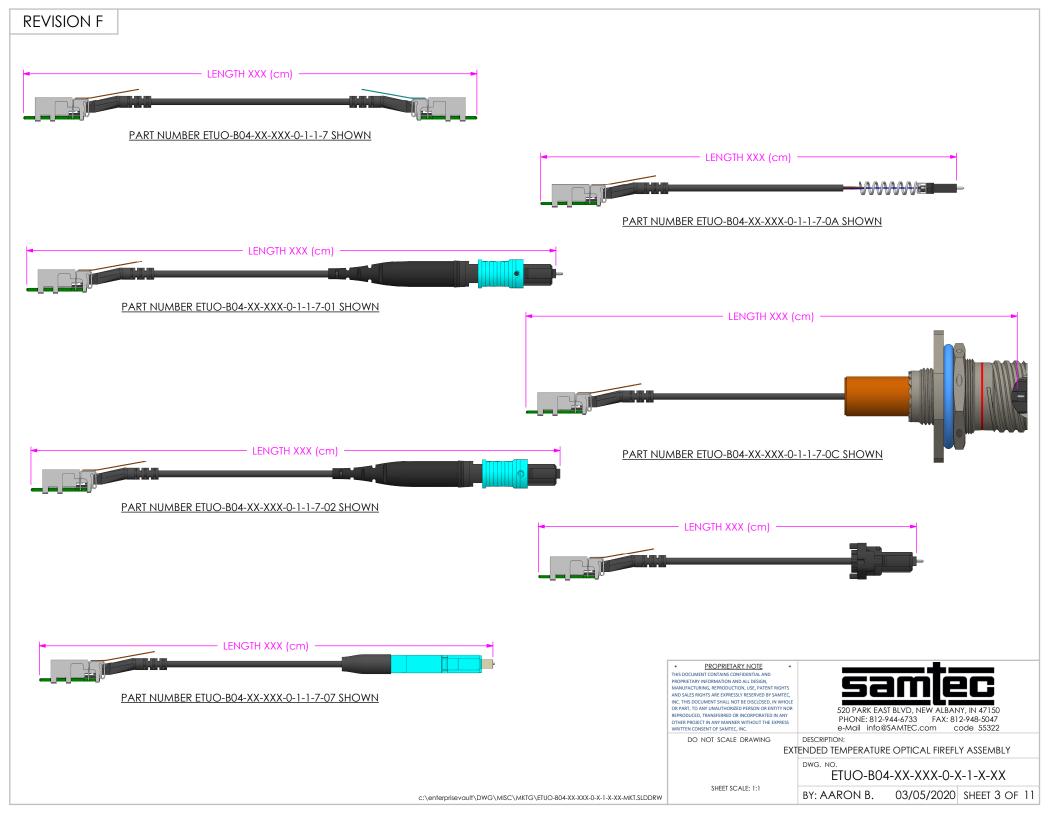
EXTENDED TEMPERATURE OPTICAL FIREFLY ASSEMBLY

9. NO.

ETUO-B04-XX-XXX-0-X-1-X-XX

BY: AARON B.

03/05/2020 SHEET 2 OF 11



REVISION F



PART NUMBER ETUO-B04-XX-XXX-0-1-1-8 SHOWN



PART NUMBER ETUO-B04-XX-XXX-0-1-1-8-01 SHOWN



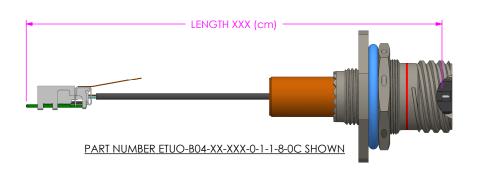
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PART NUMBER ETUO-B04-XX-XXX-0-1-1-8-07 SHOWN



PART NUMBER ETUO-B04-XX-XXX-0-1-1-8-0A SHOWN





PART NUMBER ETUO-B04-XX-XXX-0-1-1-8-0E SHOWN



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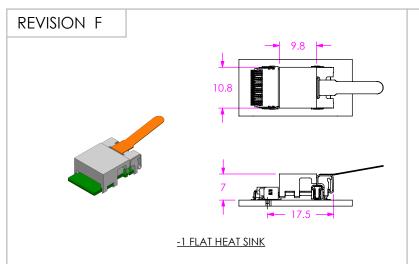
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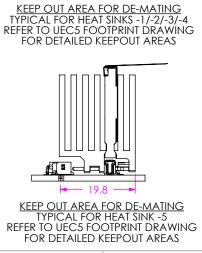
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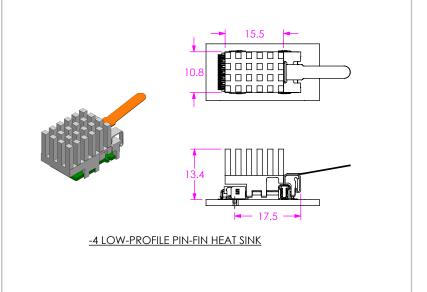
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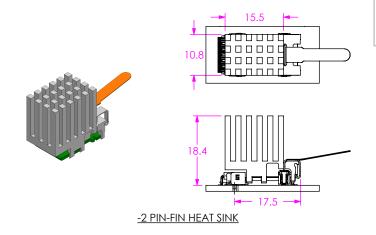
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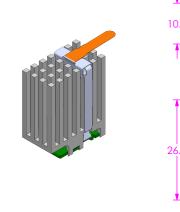
03/05/2020 SHEET 4 OF 11 BY: AARON B.

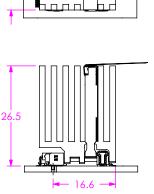




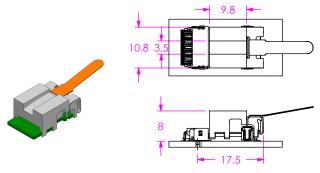








-5 HIGH PERFORMANCE PIN-FIN



-3 FLAT HEAT SINK WITH PASS THROUGH

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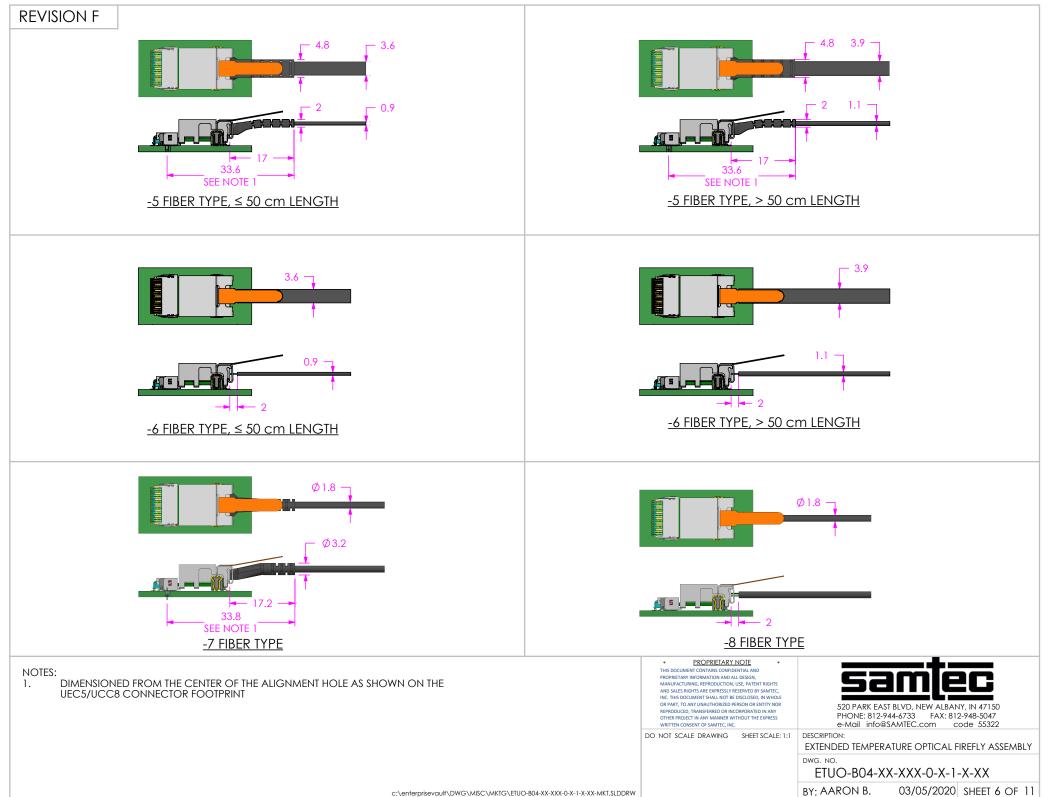
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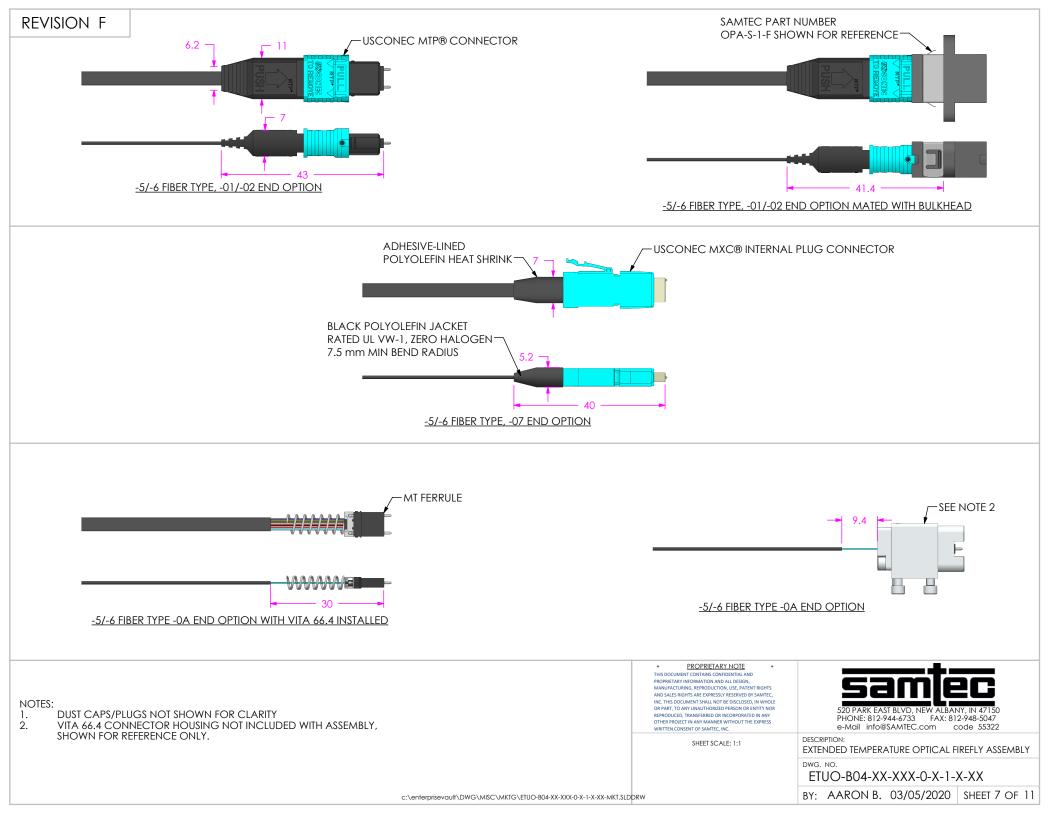
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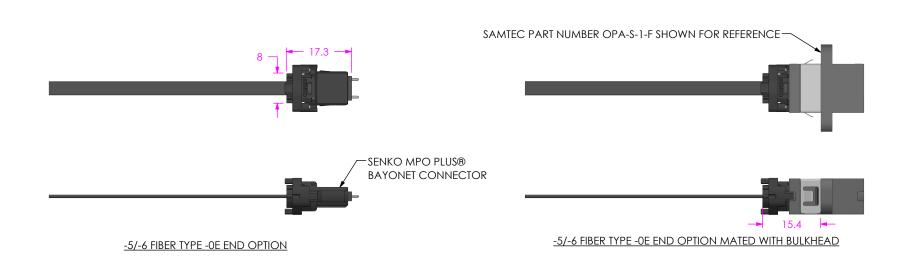
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BY: AARON B. 03/05/2020 SHEET 5 OF 11





REVISION F PANEL WALL--SEE NOTE 1 19.6[.770] ϕ 10.6 -Ø21.0[.825] $\begin{array}{c} -\text{OC END OPTION RECOMMENDED PANEL CUTOUT} \\ \text{mm [in]} \end{array}$ -5/-6 FIBER TYPE -OC END OPTION (SHOWN WITH PANEL)



AMPHENOL PART NUMBER CF-594711-01S. DIMENSIONS GIVEN FOR REFERENCE ONLY

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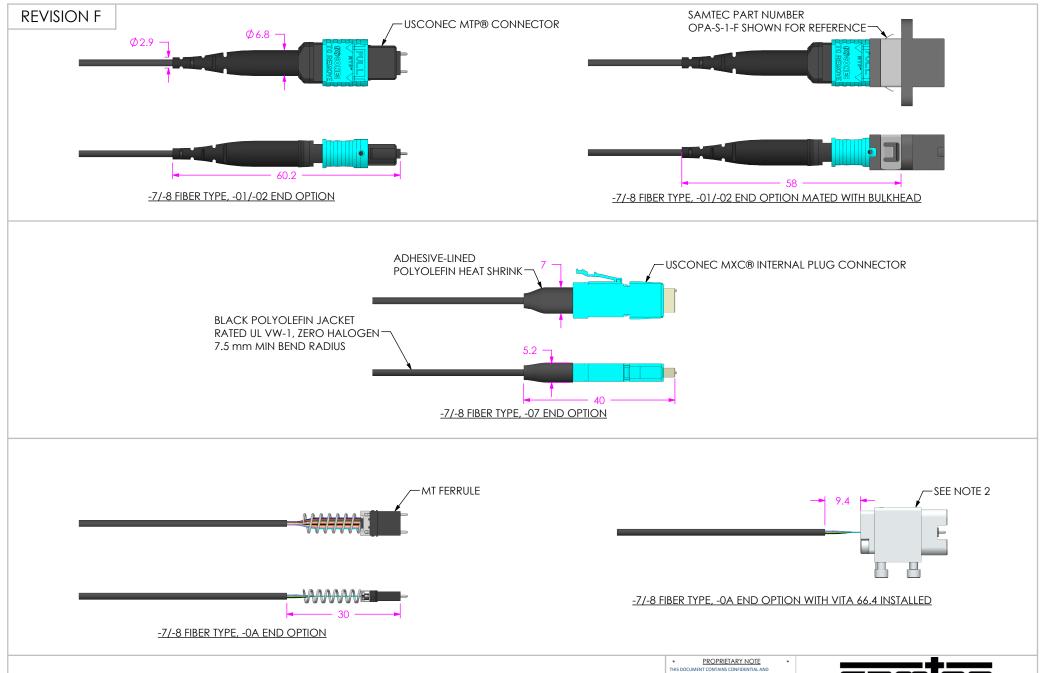
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BY: AARON B.

03/05/2020 SHEET 8 OF 11





DUST CAPS/PLUGS NOT SHOWN FOR CLARITY
 VITA 66.4 CONNECTOR HOUSING NOT INCLUDE

VITA 66.4 CONNECTOR HOUSING NOT INCLUDED WITH ASSEMBLY, SHOWN FOR REFERENCE ONLY.

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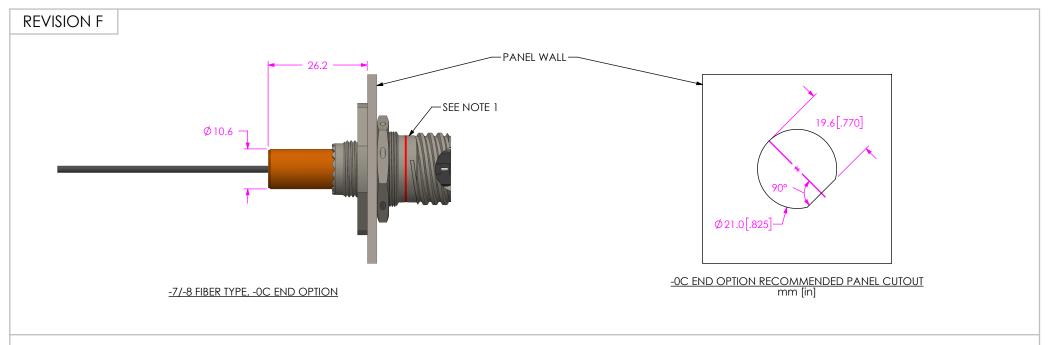
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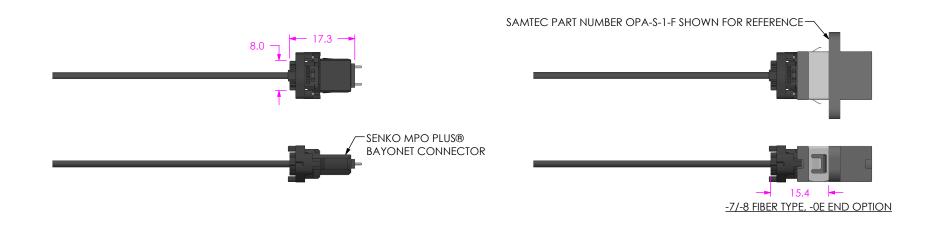
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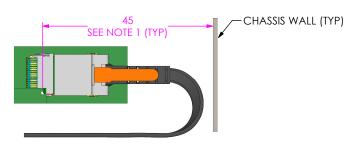
EXTENDED TEMPERATURE OPTICAL FIREFLY ASSEMBLY

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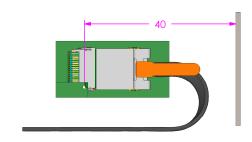
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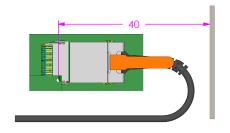
ETUO-B04-XX-XXX-0-X-1-X-XX 03/05/2020 SHEET 100F 11 BY: AARON B.



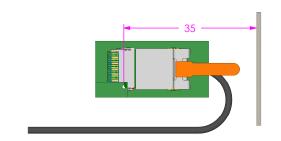
-5 FIBER TYPE RECOMMENDED CABLE ESCAPE CLEARANCE



-6 FIBER TYPE RECOMMENDED CABLE ESCAPE CLEARANCE



-7 FIBER TYPE RECOMMENDED CABLE ESCAPE CLEARANCE



-8 FIBER TYPE RECOMMENDED CABLE ESCAPE CLEARANCE

NOTES:

- 1. DIMENSIONED FROM THE CENTER OF THE ALIGNMENT PIN HOLE AS SHOWN ON THE UEC5/UCC8 CONNECTOR FOOTPRINT
- 2. DUE TO THE COMPLIANT NATURE OF FIBER CABLE AND THE MOLDED FIBER BOOT COMPONENTS, THE DIMENSIONS SHOWN ON THIS SHEET ARE FOR GUIDANCE ONLY. EACH APPLICATION IS UNIQUE AND MAY RESULT IN UNIQUE CLEARENCE DIMENSIONS FOR THE CABLE ESCAPE.

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DESCRIPTION:

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