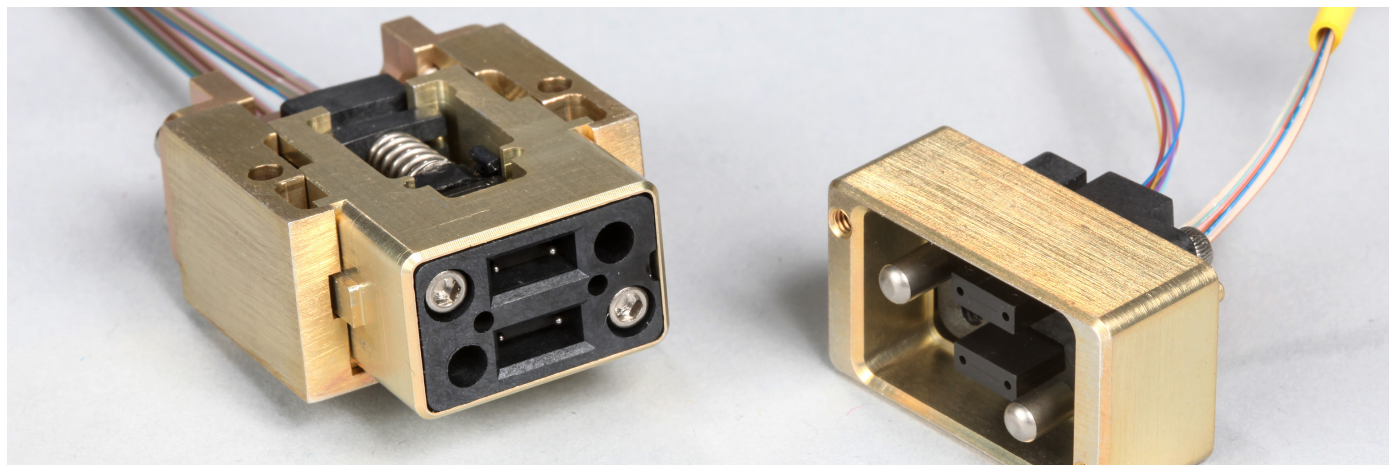


OPTICAL FIBER RUGGEDIZED VITA 66.1 AND 66.4

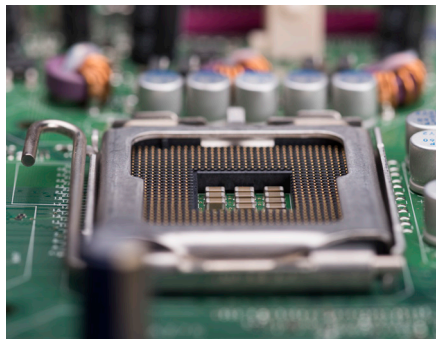


Amphenol's VITA 66 family of products are ruggedized blind mate optical MT Module/Backplane connector systems designed to meet the VITA 66.1 and 66.4 open architecture specifications. These connectors are designed to provide a high density blind-mate optical solution via standard multi-mode MT ferrules and robust aluminum shells meeting VITA footprint requirements.

Optical Fiber Ruggedized VITA 66.1 & 66.4 are designed for embedded computing applications in :



Electronic Systems - C4ISR



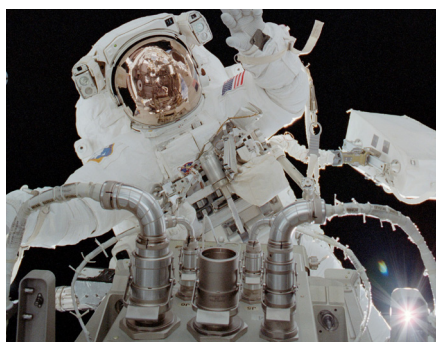
Embedded Computing



Missile Defense



Ground Systems



Space Systems



Other Ruggedized Environments

OPTICAL FIBER VITA OVERVIEW

FEATURES AND BENEFITS:

- VITA 66.1, 66.4 spec compliant
- Supports up to two spring loaded floating MT ferrules
- Multiple alignment guide features
- No special tooling required for assembly
- Supports industry standard MT ferrules-up to 24 fiber optic channels per MT
- COTS
- Customs & derivatives : spring loaded, double density

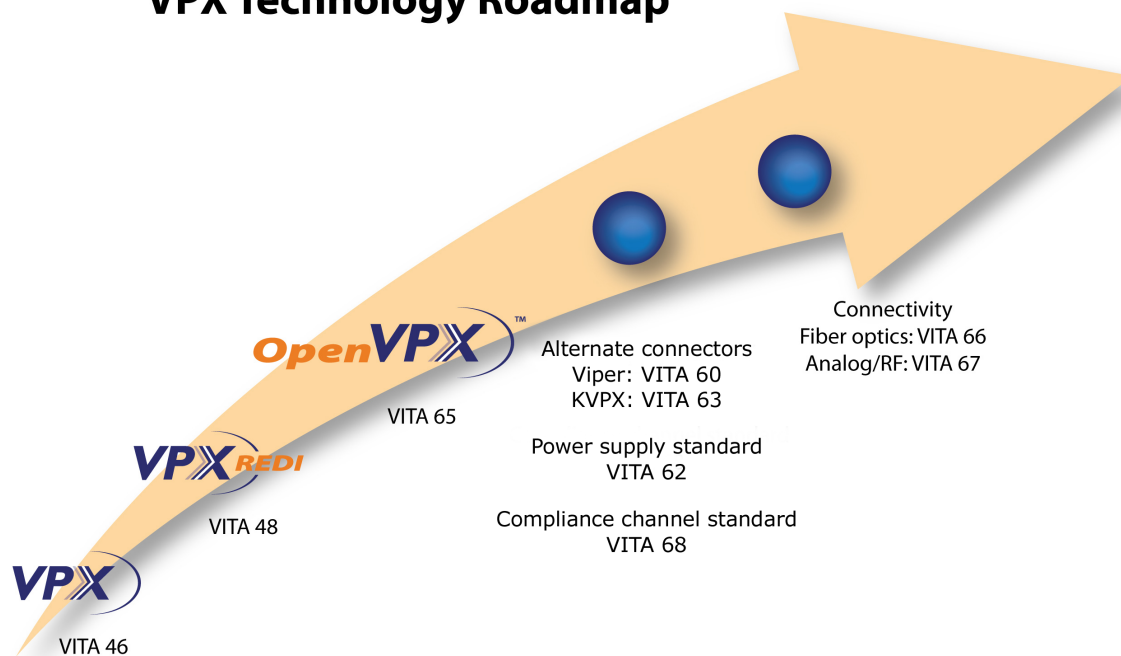
VITA 66 RANGE

- VITA 66.1 : 2MT or Double density 4MT Standard or Spring loaded contacts
- VITA 66.4 : 1MT or Double density 2MT Standard or Spring loaded contacts



VITA 66

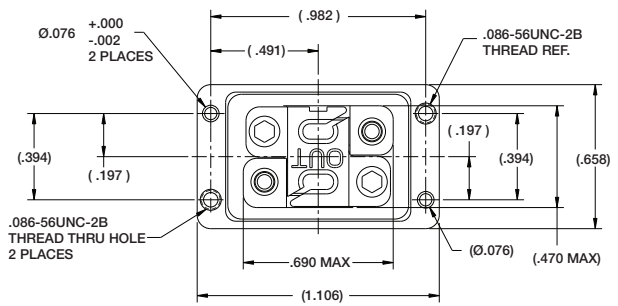
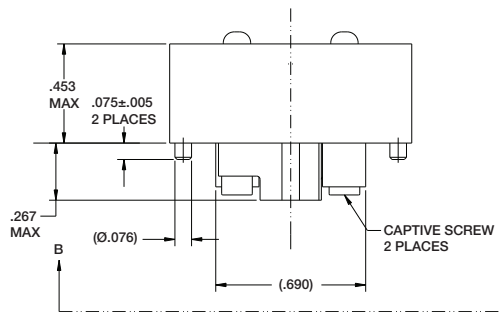
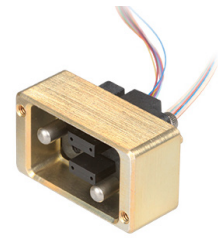
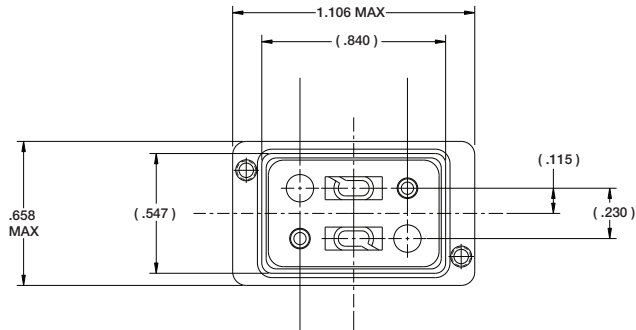
VPX Technology Roadmap



FIBER OPTIC VITA 66.1: Standard 2MT Backplane

PART NUMBER: 10-504639-002

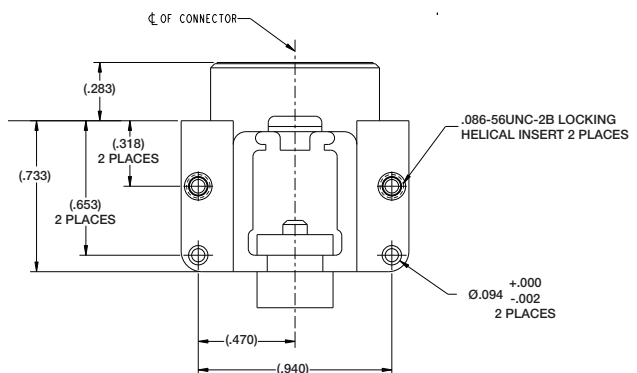
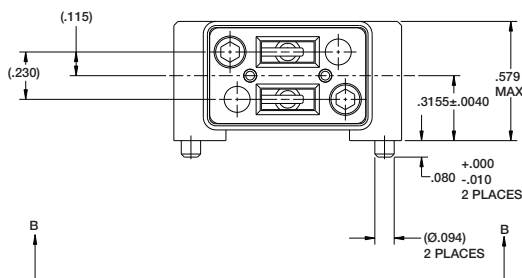
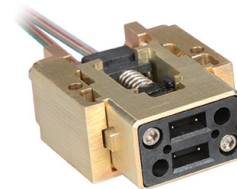
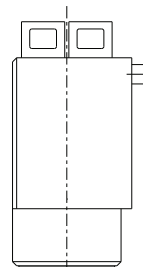
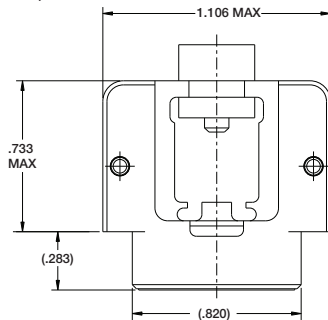
(Dimensions in Inches)



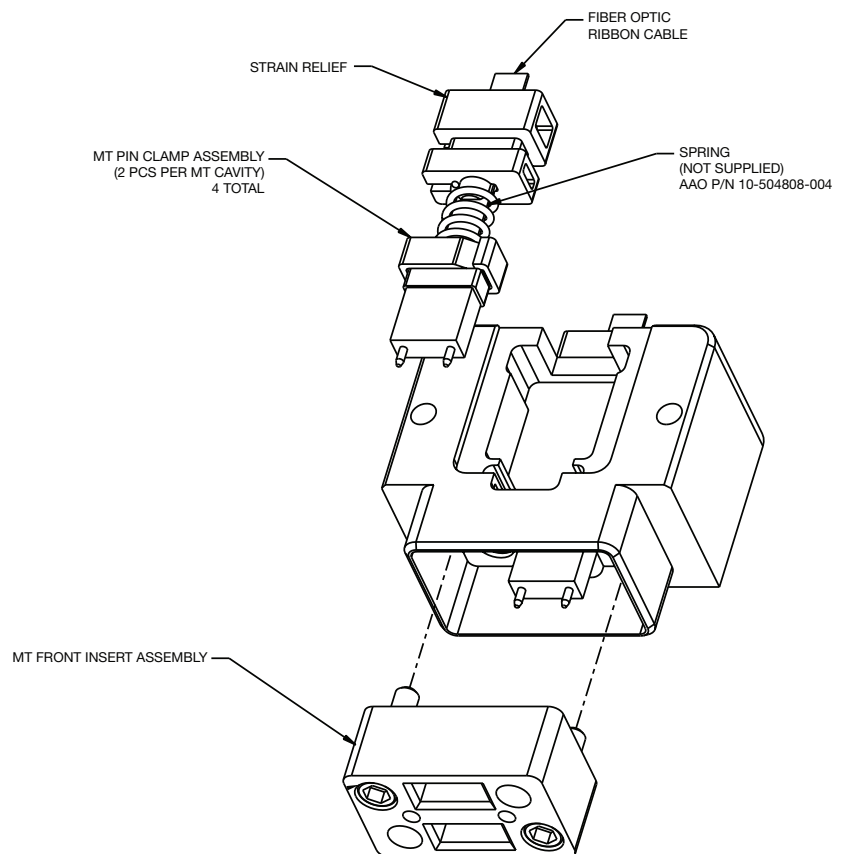
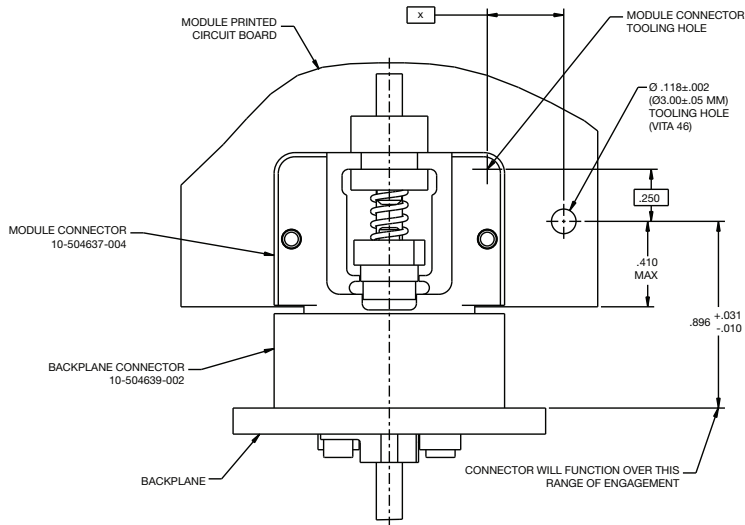
FIBER OPTIC VITA 66.1: Standard 2MT Module

PART NUMBER: 10-504637-004

(Dimensions in Inches)



FIBER OPTIC VITA 66.1: Standard 2MT Installation & Assembly

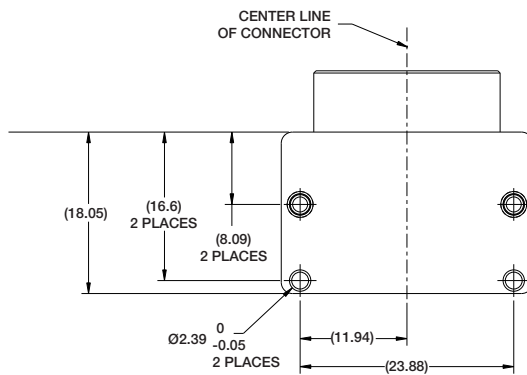
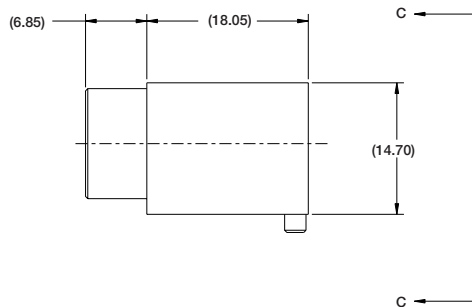
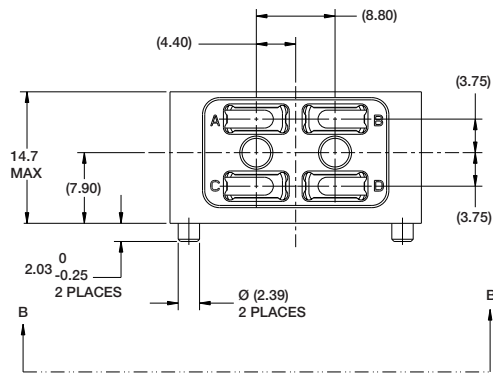
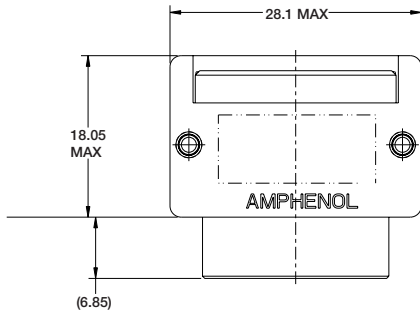


VITA 66.1

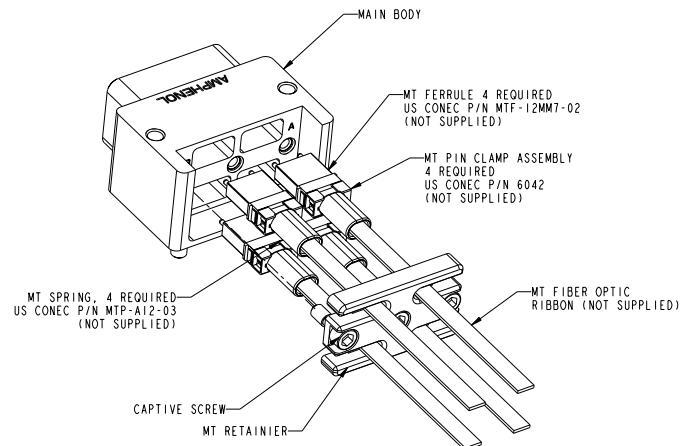
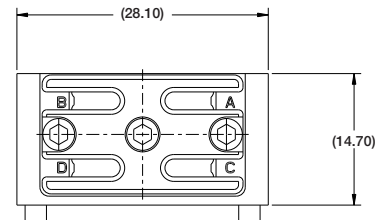
FIBER OPTIC VITA 66.1: Double Density 4MT Module

PART NUMBER: 10-504637-010

(Dimensions in MM)



.086-56UNC-2B LOCKING
HELICAL INSERT 2 PLACES

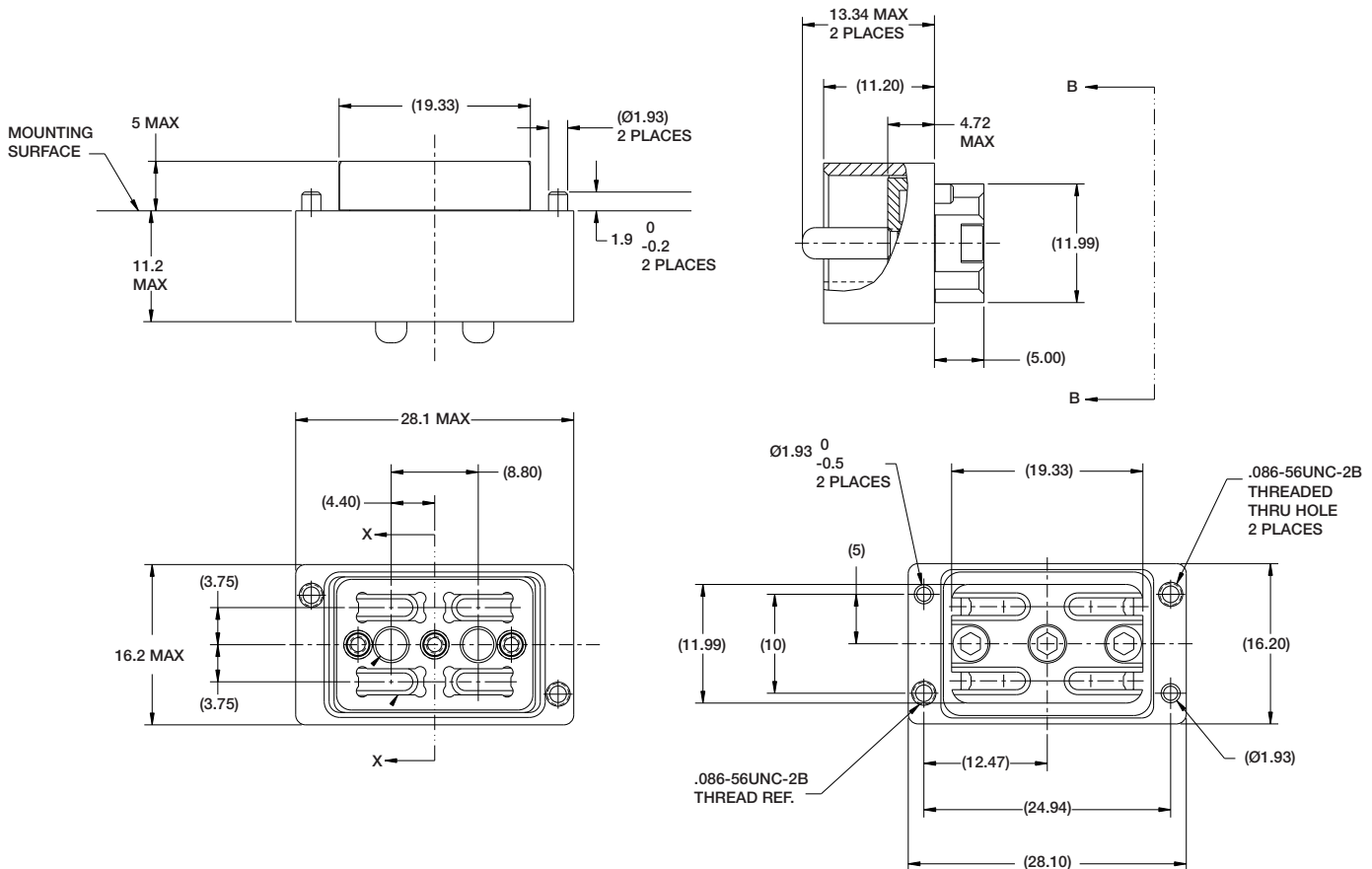


VITA 66.1

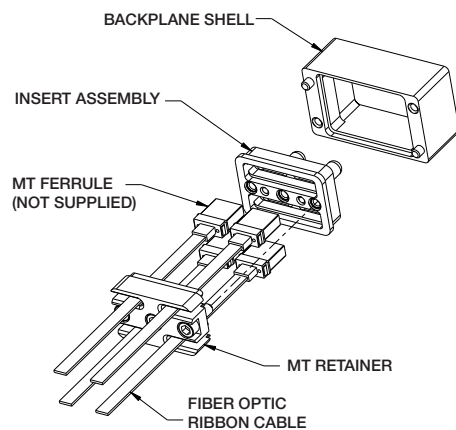
FIBER OPTIC VITA 66.1: Double Density 4MT Backplane

PART NUMBER: 10-504639-008

(Dimensions in MM)

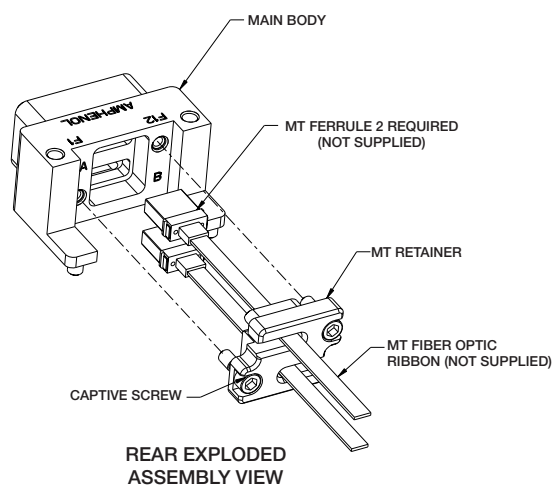
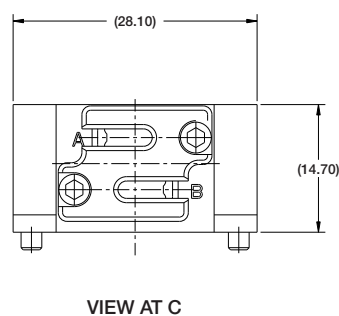
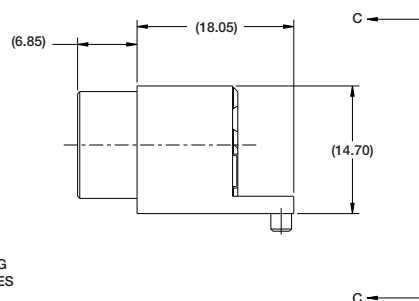
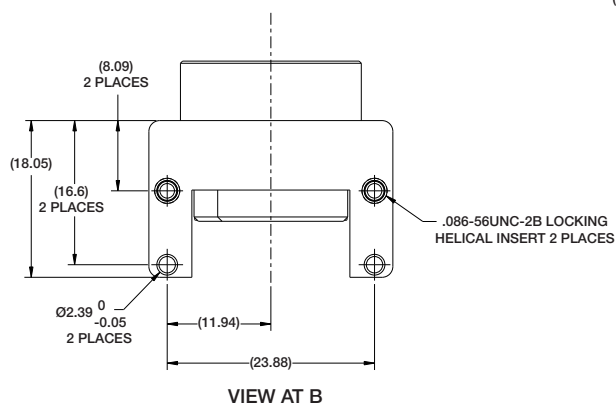
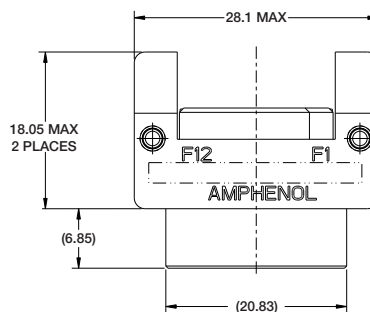
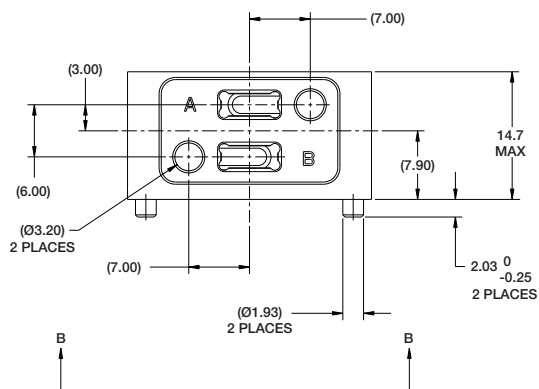


VITA 66.1



REAR EXPLODED
ASSEMBLY VIEW
SCALE 2.000

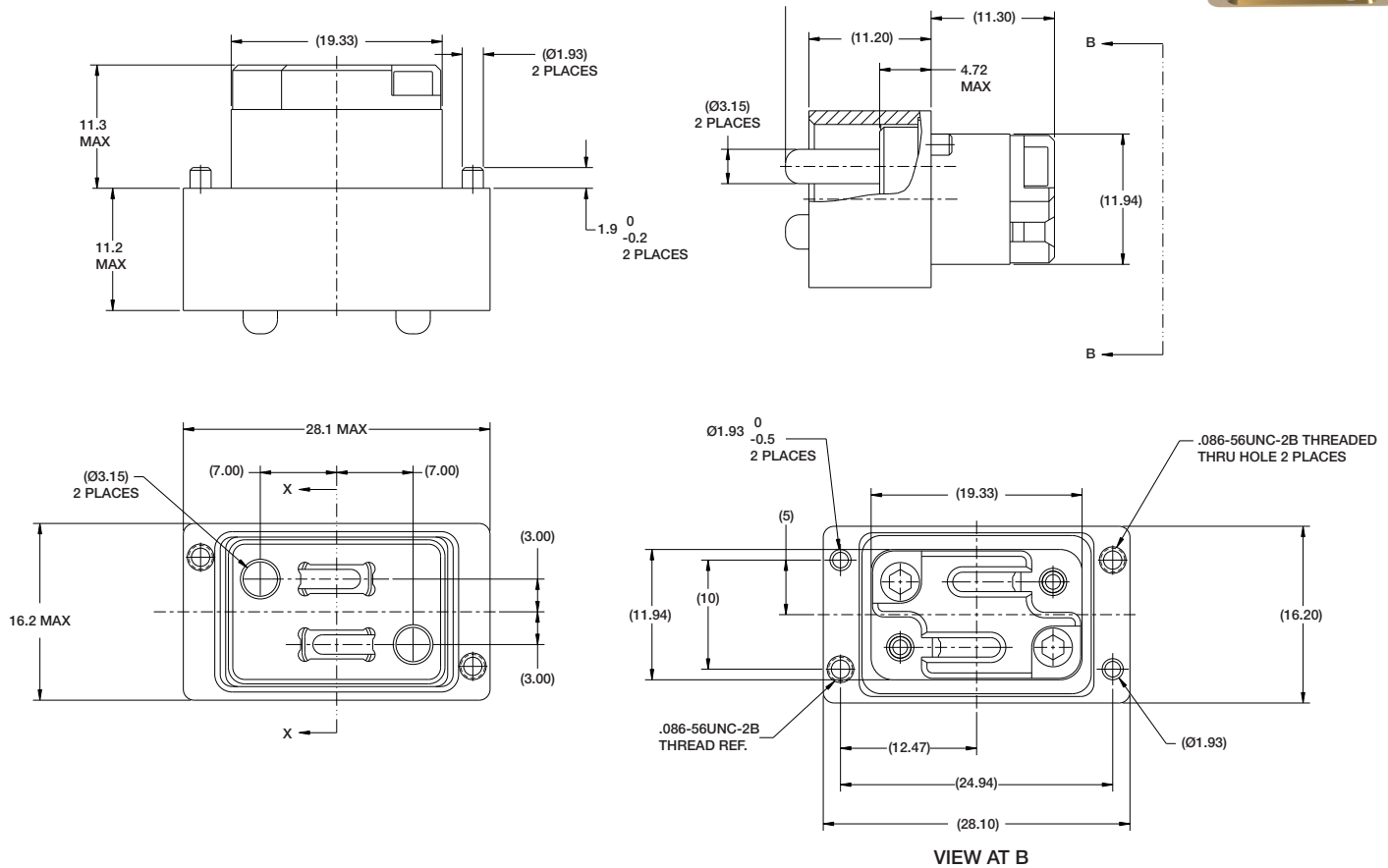
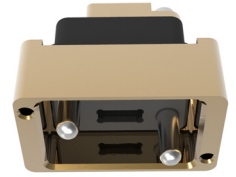
(Dimensions in MM)



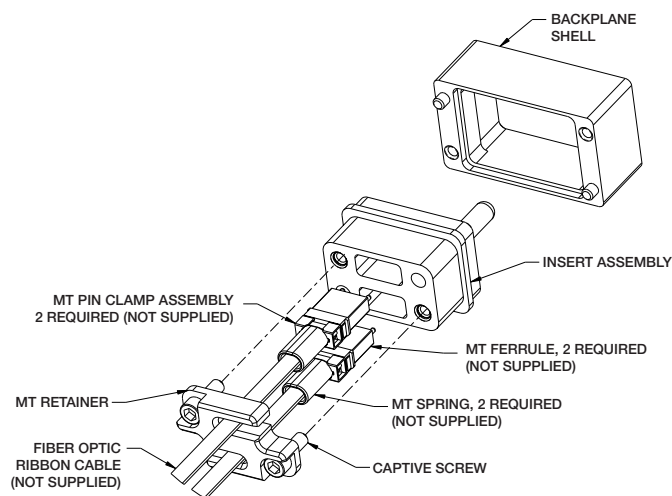
FIBER OPTIC VITA 66.1: 2MT Spring Loaded Backplane

PART NUMBER: 10-504639-011

(Dimensions in MM)



VITA 66.1

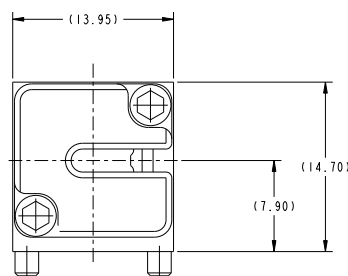
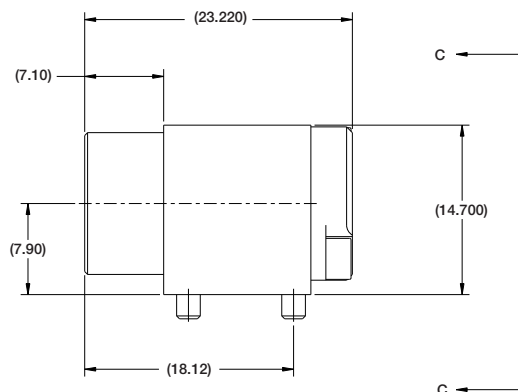


REAR EXPLODED
ASSEMBLY VIEW
SCALE 3.000

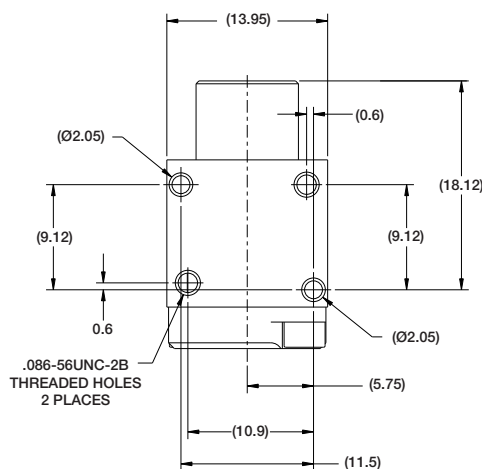
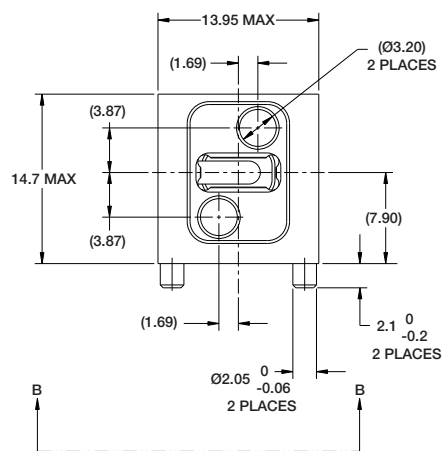
FIBER OPTIC VITA 66.4: Standard 1MT Module

PART NUMBER: 10-504637-008

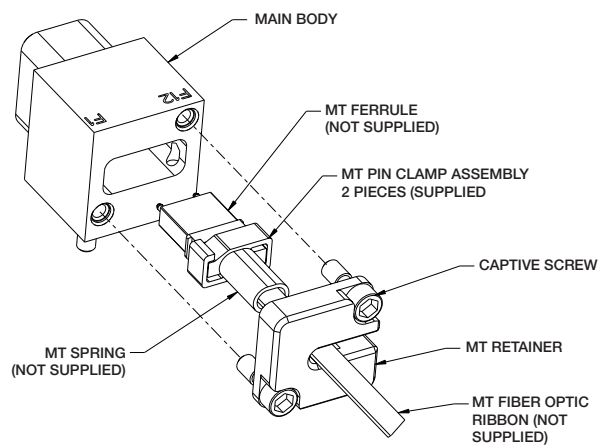
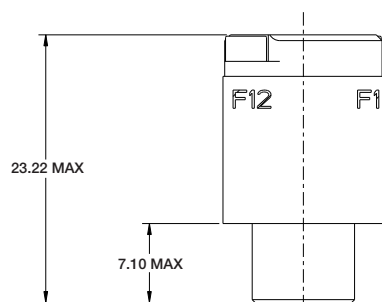
(Dimensions in MM)



VIEW AT C



VIEW AT B



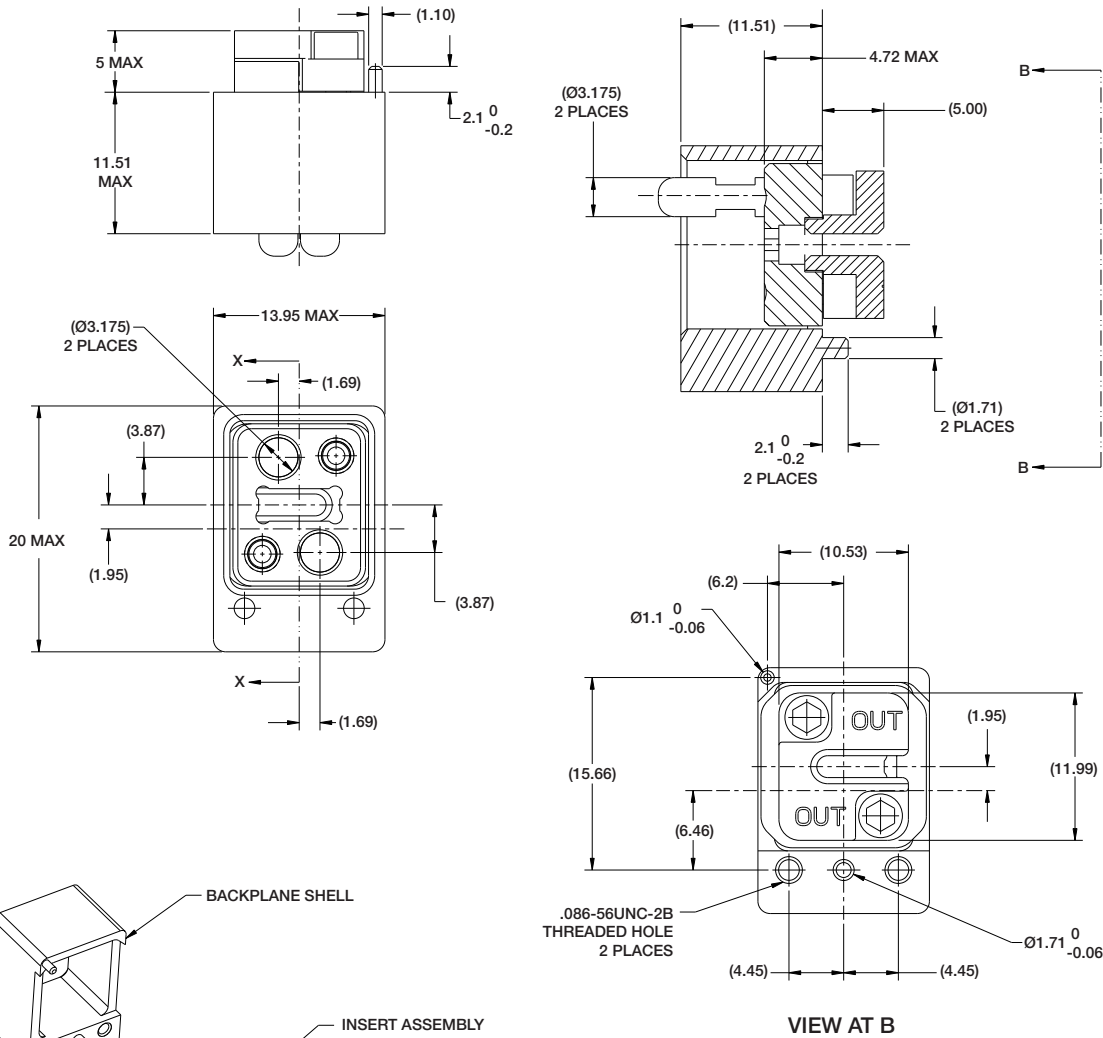
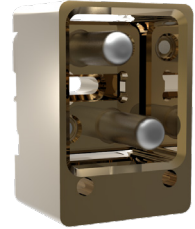
REAR EXPLODED
ASSEMBLY VIEW

VITA 66.4

FIBER OPTIC VITA 66.4: Standard 1MT Backplane

PART NUMBER: 10-504639-006

(Dimensions in MM)



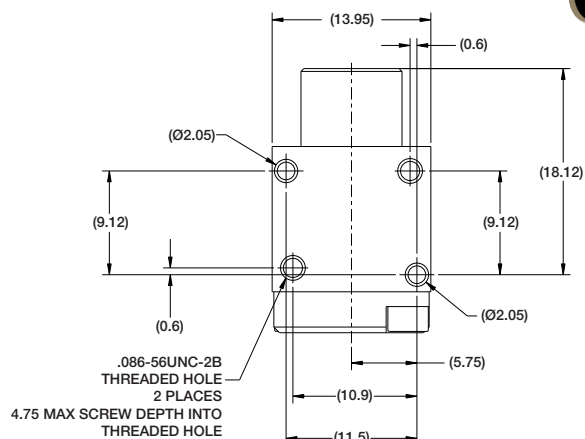
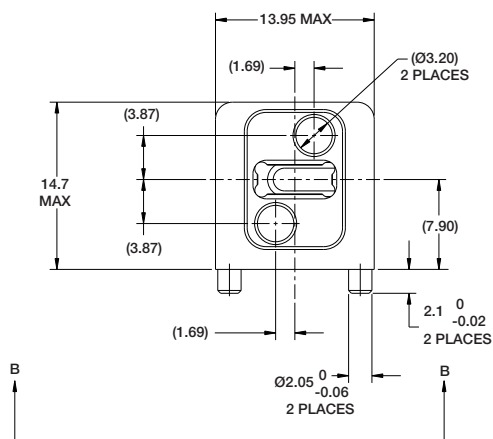
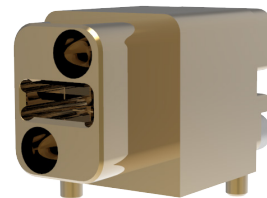
VITA 66.4

REAR EXPLODED
ASSEMBLY VIEW

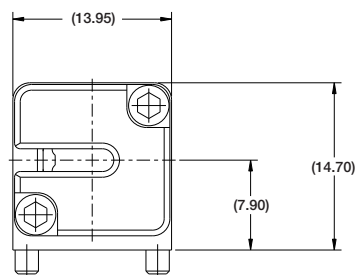
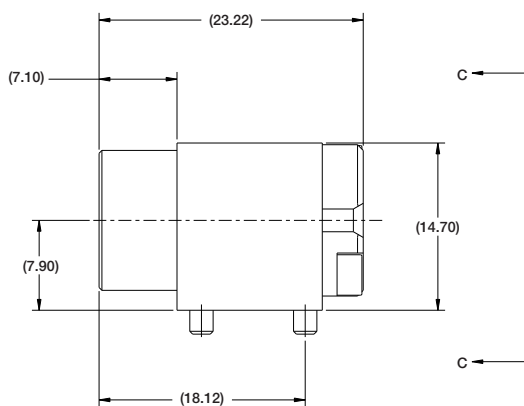
FIBER OPTIC VITA 66.4: 1MT Special Module

PART NUMBER: 10-504637-012

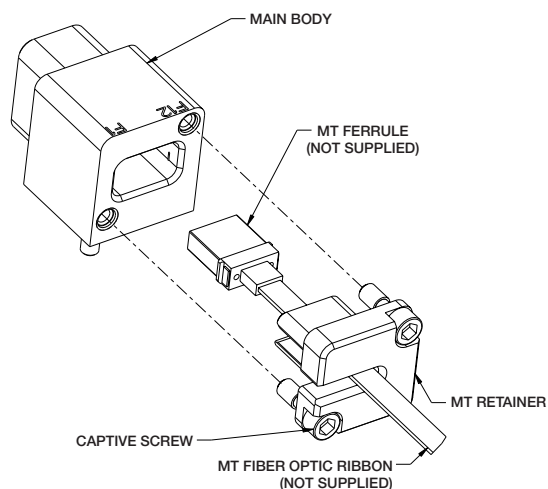
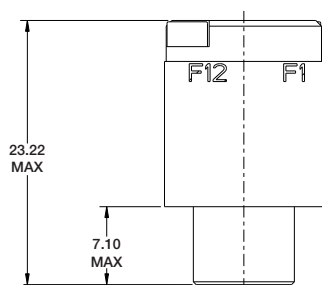
(Dimensions in MM)



VIEW AT B



VIEW AT C



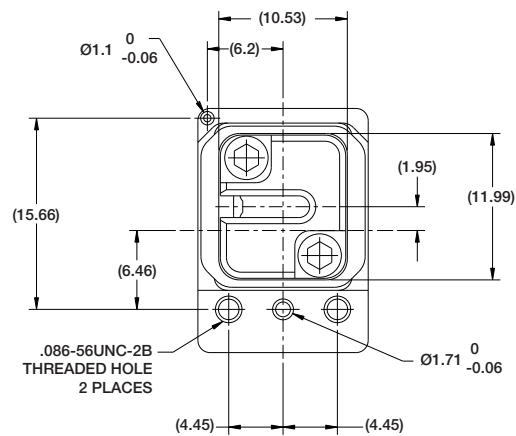
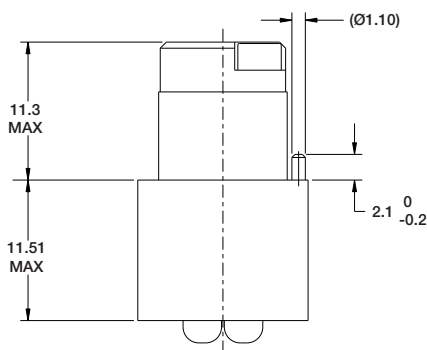
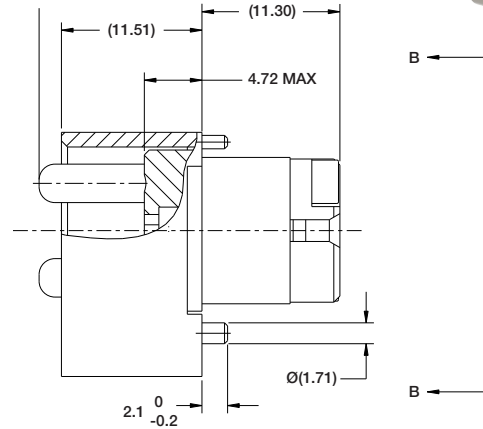
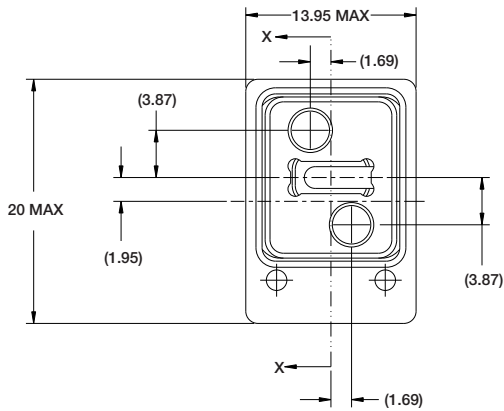
REAR EXPLODED ASSEMBLY VIEW

VITA 66.4

FIBER OPTIC VITA 66.4: Spring Loaded 1MT Backplane

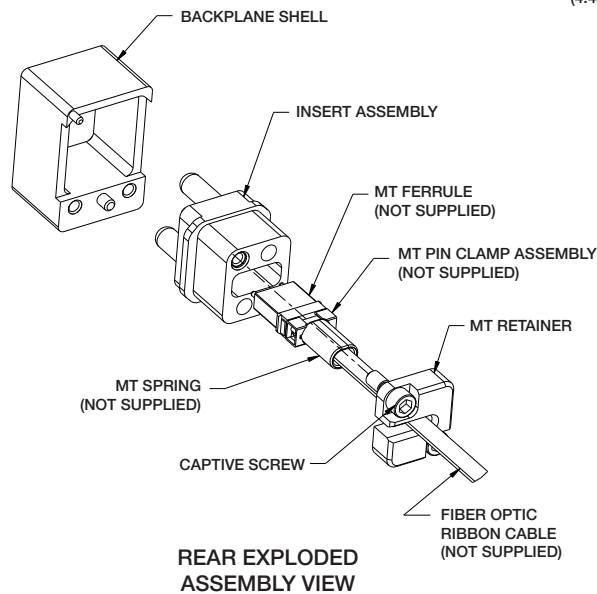
PART NUMBER: 10-504639-010

(Dimensions in MM)



.086-56UNC-2B
THREADED HOLE
2 PLACES

VIEW AT B



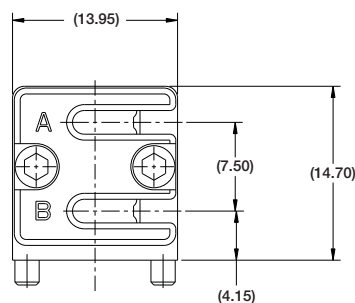
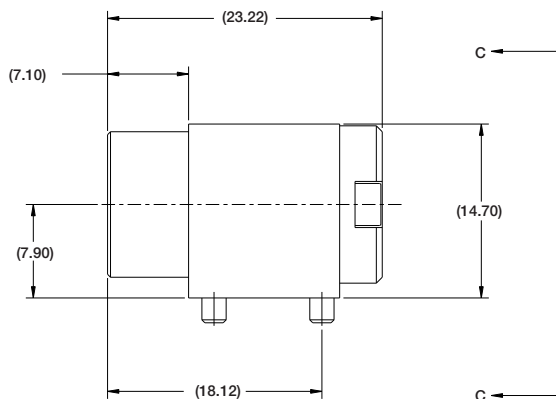
REAR EXPLODED
ASSEMBLY VIEW

VITA 66.4

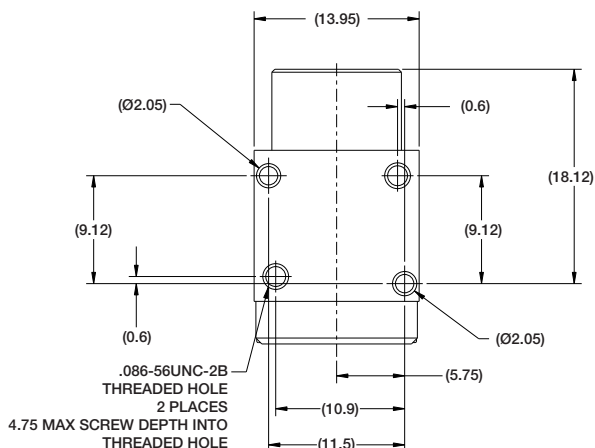
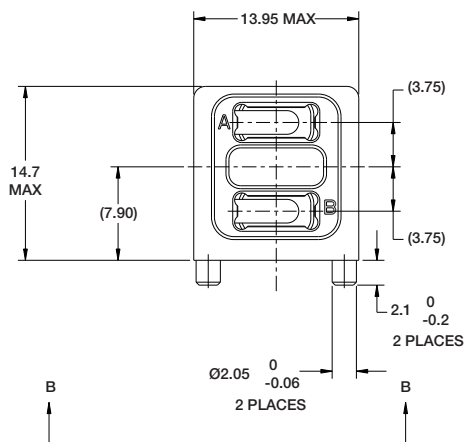
FIBER OPTIC VITA 66.4: Double Density 2MT Module

PART NUMBER: 10-504637-009

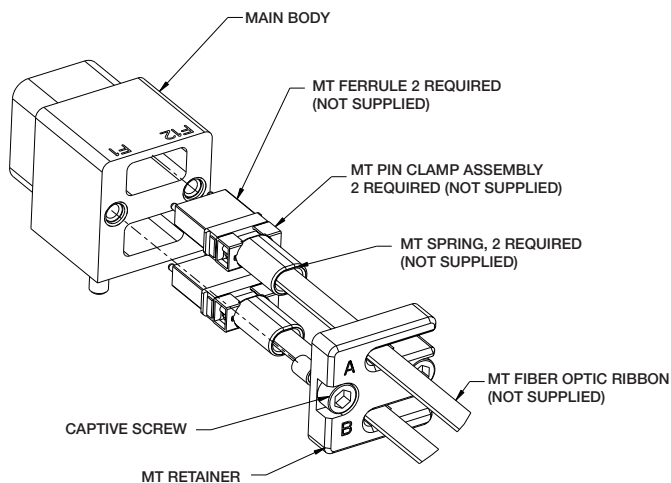
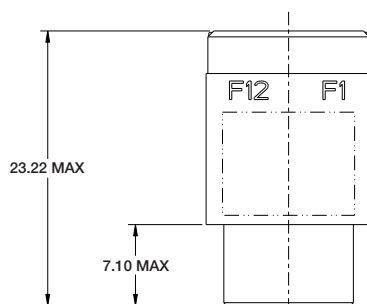
(Dimensions in MM)



VIEW AT C



VIEW AT B



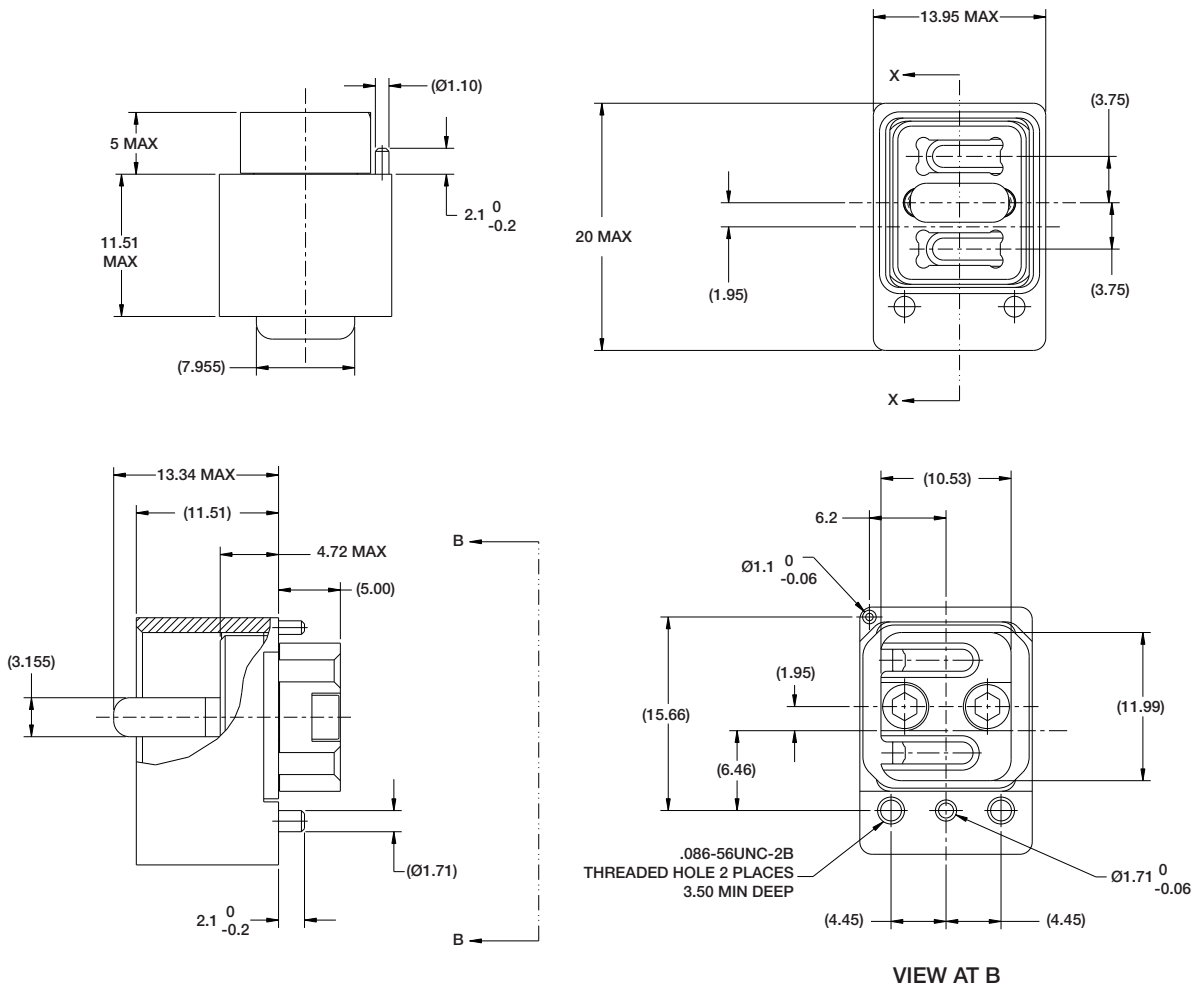
REAR EXPLODED
ASSEMBLY VIEW

VITA 66.4

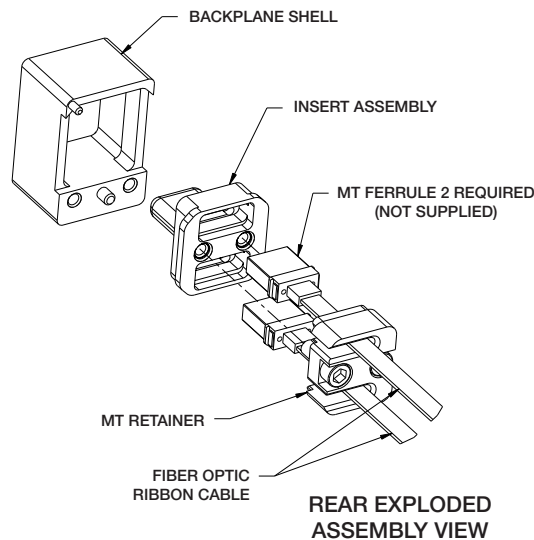
FIBER OPTIC VITA 66.4: Double Density 2MT Backplane

PART NUMBER: 10-504639-007

(Dimensions in MM)



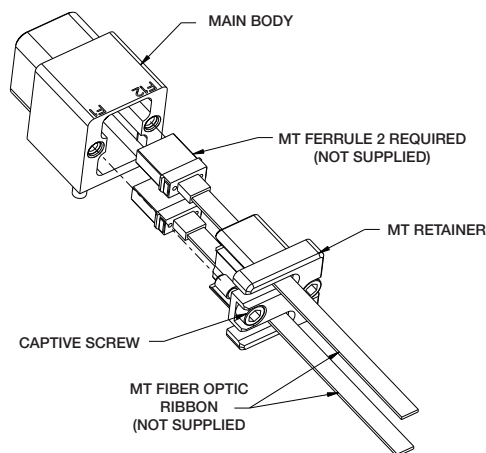
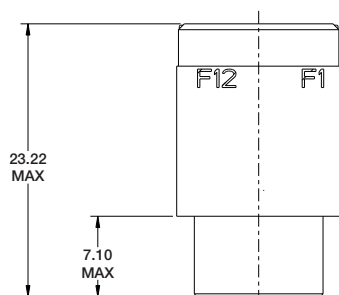
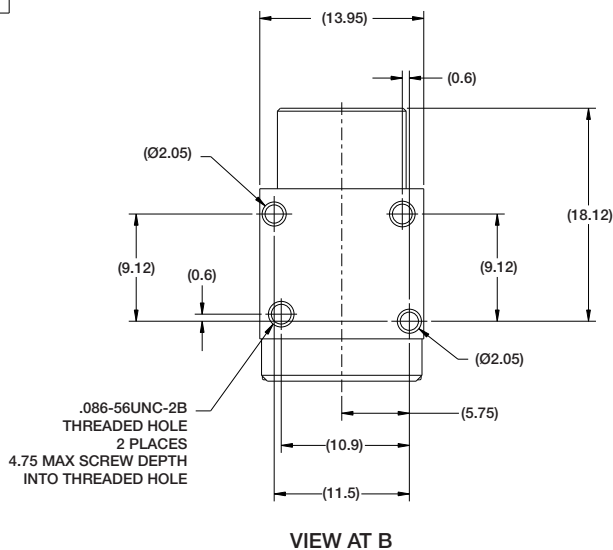
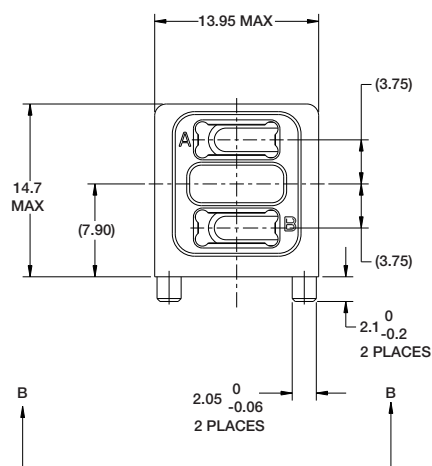
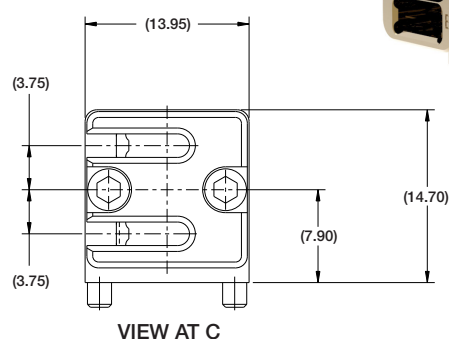
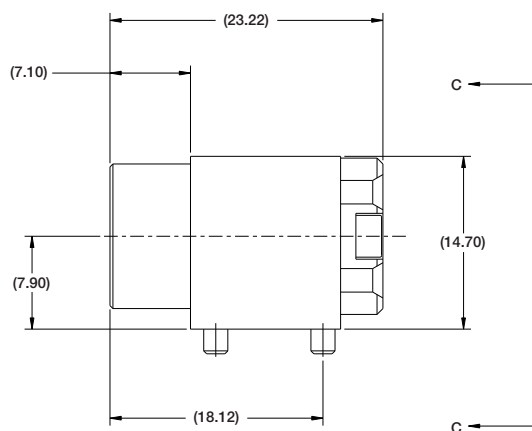
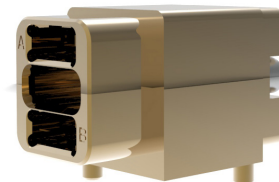
VITA 66.4



FIBER OPTIC VITA 66.4: Double Density 2MT Special Module

PART NUMBER: 10-504637-011

(Dimensions in MM)



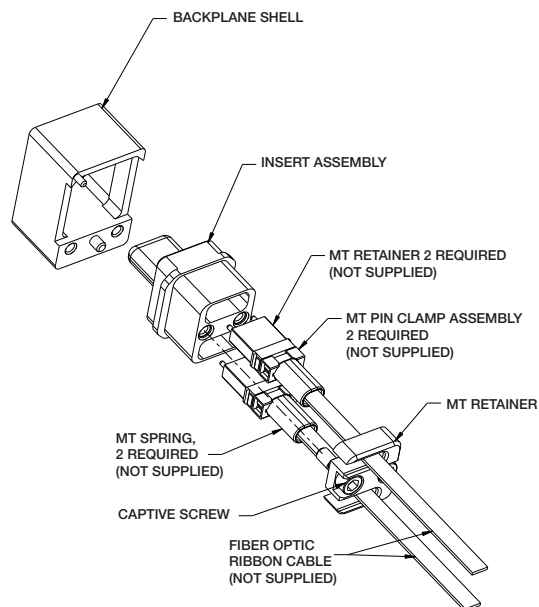
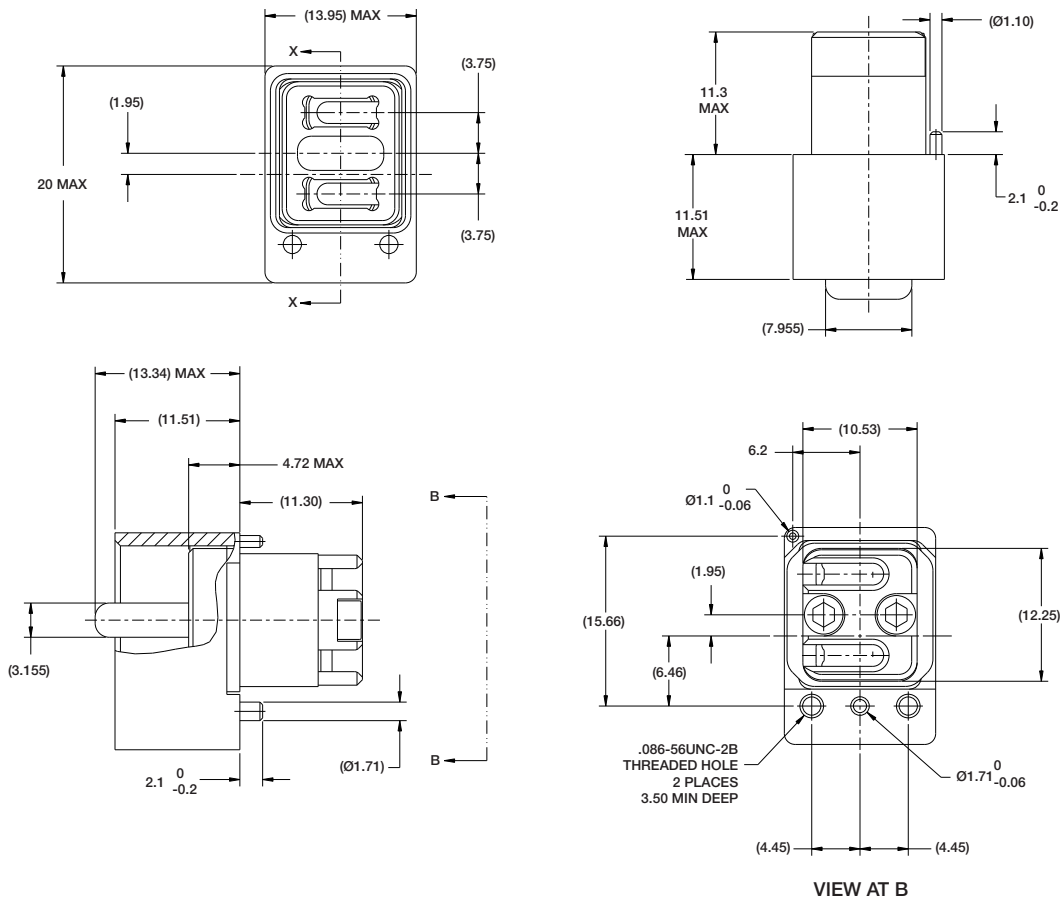
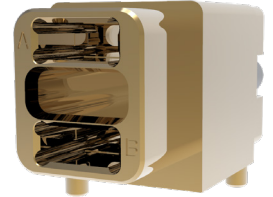
REAR EXPLODED
ASSEMBLY VIEW

VITA 66.4

FIBER OPTIC VITA 66.4: Double Density Spring Loaded 2MT Backplane

PART NUMBER: 10-504639-009

(Dimensions in MM)



REAR EXPLODED
ASSEMBLY VIEW

VITA 66.4