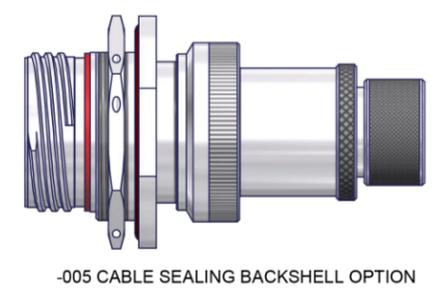
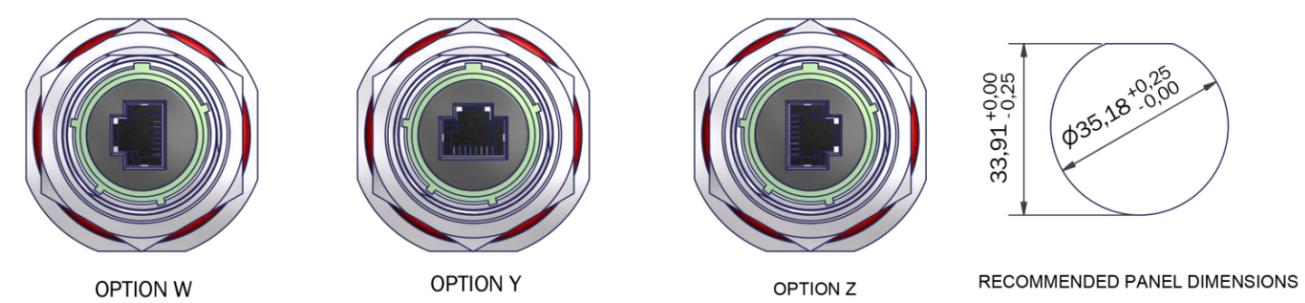
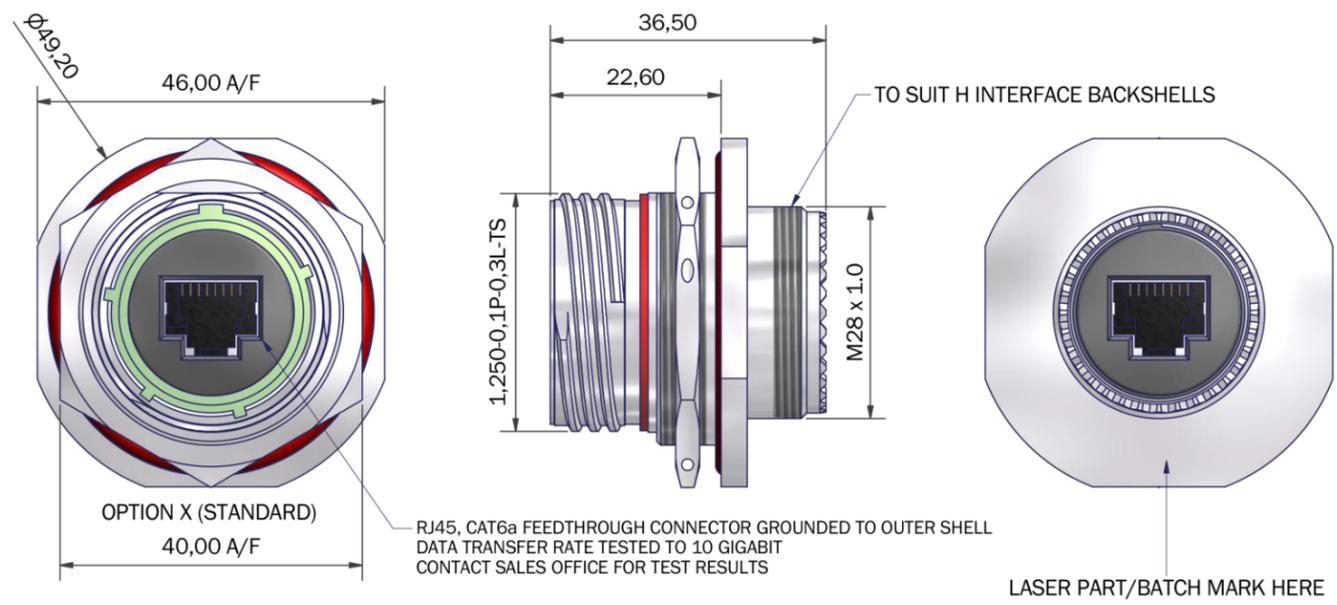


REV.	SCN NO.	REVISIONS	BY	DATE	APVD.
01		PRELIMINARY RELEASE	MGD	09/18/13	



CODE	MATERIAL / PLATING
1-C	ALUMINIUM / ELECTROLESS NICKEL
1-B	ALUMINIUM / CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
1-ZB	ALUMINIUM / ZINC COBALT OLIVE DRAB OVER ELECTROLESS NICKEL
4-J	STAINLESS STEEL / PASSIVATE
2-Z	NICKEL ALUMINIUM BRONZE / SHOT BLAST

LIST NOT EXHAUSTIVE, FOR COMPREHENSIVE LIST AND SPECS, SEE WEBSITE

**ST4F0020-19NX-1-C(-005)**

SERIES \_\_\_\_\_  
 SHELL SIZE \_\_\_\_\_  
 KEY ARRANGEMENT (N, A, B, C, D, E) \_\_\_\_\_  
 INSERT ROTATION (W, X, Y, Z) \_\_\_\_\_  
 MATERIAL (SEE TABLE) \_\_\_\_\_  
 PLATING (SEE TABLE) \_\_\_\_\_  
 CABLE SEALING BACKSHELL OPTION \_\_\_\_\_  
 PART NUMBER FOR UNGROUNDED VERSION: ST4F0020-19NX-1-C-U

**NOTES**  
 GENERALLY TO THE REQUIREMENTS OF MIL-DTL-38999  
 MATES WITH AMPHENOL RJFTV  
 FINISH  
 SEE TABLE  
 MATERIALS  
 RJ45  
 CONTACTS COPPER WITH SELECTIVE GOLD PLATE  
 SHIELDING - NICKEL PLATED BRASS  
 BODY - PA, UL94V-0  
 PCB - FR4, UL94V-0  
 SEAL - SILICONE ELASTOMER  
 INSULATOR - PPS GL40 UL94, COLOUR BLACK  
 POTTING - QSIL 550 UL94V-0  
**PERFORMANCE**  
 VOLTAGE RATING 50V DC / 35V AC  
 TEMPERATURE -40°C TO +120°C

TOLERANCES	DRAWN BY	DATE
.0	M. DECARLO	09/18/13
.00	CHECKED BY	DATE
.000	APPROVED BY	DATE
.0000		
ANGLES		

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS.  
 ALL DIMENSIONS APPLY AFTER PLATING.

PROPRIETARY INFORMATION  
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THIRD ANGLE PROJECTION

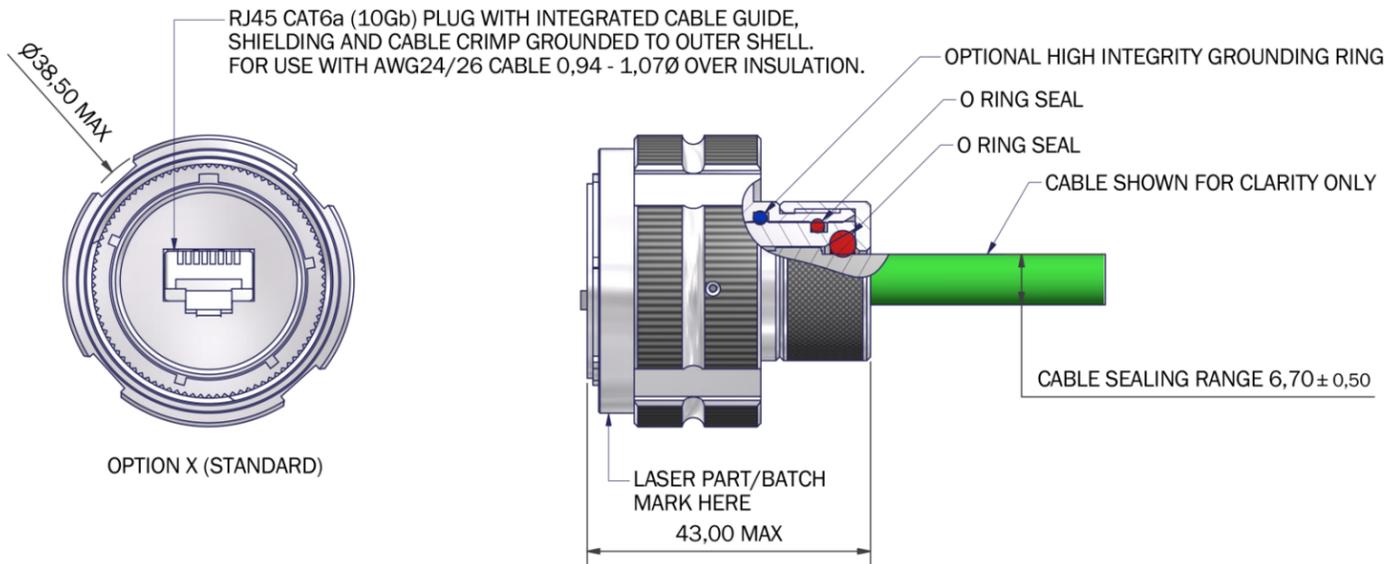
**CORNING**  
 39 GREAT HILL RD, NAUGATUCK, CT 06770 (203) 729-2572

TITLE  
**CONN. ASS'Y,  
 CAT6a RJ45  
 FEEDTHROUGH,  
 JAMNUT RECEPT.**

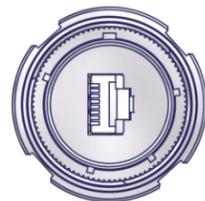
DWG. SIZE B PART NO. 900-0603 REV. 01

PART NO. 900-0603 SH 1 REV. 01

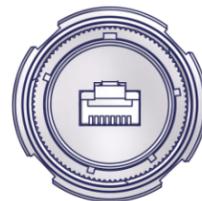
REV.	SCN NO.	REVISIONS	BY	DATE	APVD.
01		PRELIMINARY RELEASE	MGD	09/18/13	



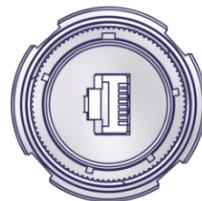
OPTION X (STANDARD)



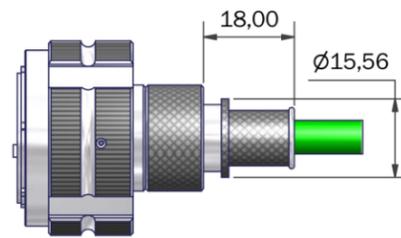
OPTION W



OPTION Y



OPTION Z



BT TERMINATION OPTION  
ORDER BAND SEPARATELY

CODE	MATERIAL / PLATING
1-C	ALUMINIUM / ELECTROLESS NICKEL
1-B	ALUMINIUM / CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
1-ZB	ALUMINIUM / ZINC COBALT OLIVE DRAB OVER ELECTROLESS NICKEL
4-J	STAINLESS STEEL / PASSIVATE
2-Z	NICKEL ALUMINIUM BRONZE / SHOT BLAST

LIST NOT EXHAUSTIVE, FOR COMPREHENSIVE LIST AND SPECS, SEE WEBSITE

**NOTES**  
 GENERALLY TO THE REQUIREMENTS OF MIL-DTL-38999  
 MATES WITH AMPHENOL RJ45TV  
**FINISH**  
 SEE TABLE  
**MATERIALS**  
 RJ45  
 CONTACTS SELECTIVE GOLD PLATING  
 SHIELDING - NICKEL PLATED BRASS  
 BODY - PBT, UL94V-0  
 SEAL - SILICONE ELASTOMER  
**PERFORMANCE**  
 VOLTAGE RATING 50V DC / 35V AC  
 TEMPERATURE -40°C TO +120°C

**ST4D0024(BT)-19NX-1-C(-H)**

SERIES \_\_\_\_\_  
 TERMINATION STYLE (OMIT FOR STANDARD) \_\_\_\_\_  
 SHELL SIZE \_\_\_\_\_  
 KEY ARRANGEMENT (N, A, B, C, D, E) \_\_\_\_\_  
 INSERT ROTATION (W, X, Y, Z) \_\_\_\_\_  
 MATERIAL (SEE TABLE) \_\_\_\_\_  
 PLATING (SEE TABLE) \_\_\_\_\_  
 HIGH INTEGRITY GROUNDING (OMIT FOR STANDARD) \_\_\_\_\_  
 PART NUMBER FOR UNGROUNDED VERSION: ST4D0024-19NX-1-C-U

TOLERANCES	DRAWN BY	DATE
.0	M. DECARLO	09/18/13
.00	CHECKED BY	DATE
.000	APPROVED BY	DATE
.0000		
ANGLES		

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS.  
 ALL DIMENSIONS APPLY AFTER PLATING.

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**CORNING**  
 39 GREAT HILL RD, NAUGATUCK, CT 06770 (203) 729-2572

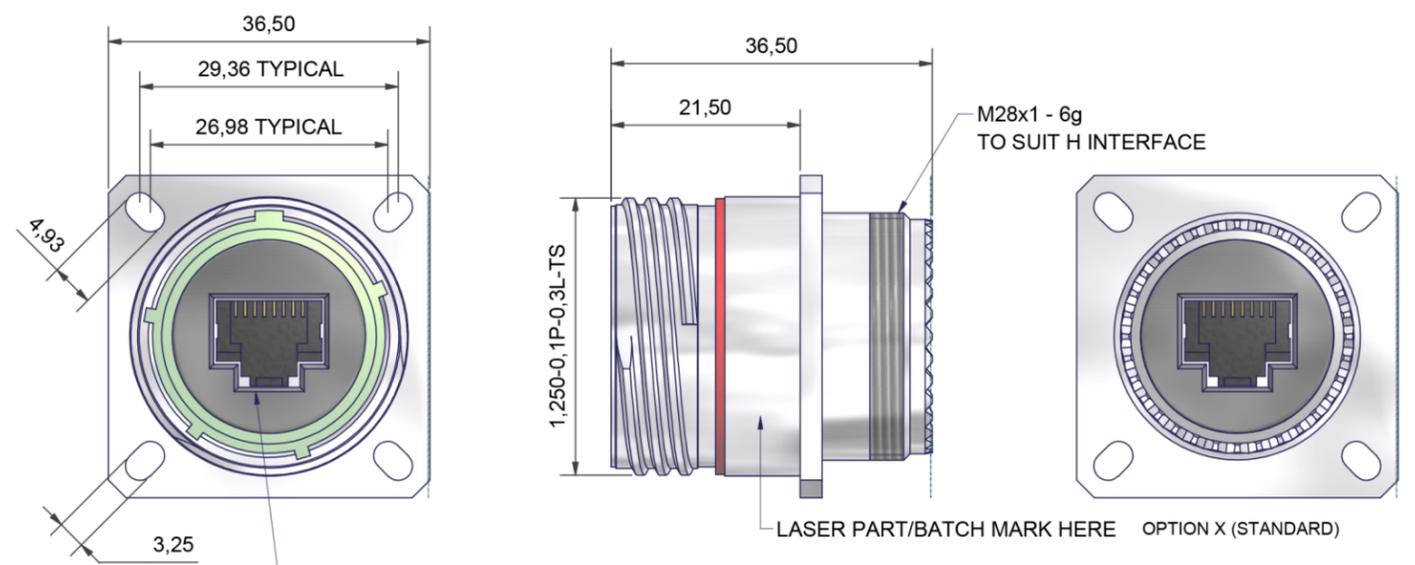
TITLE  
**CONN. ASS'Y, CAT6a  
 RJ45 PLUG**

DWG. SIZE	PART NO.	REV.
B	900-0602	01

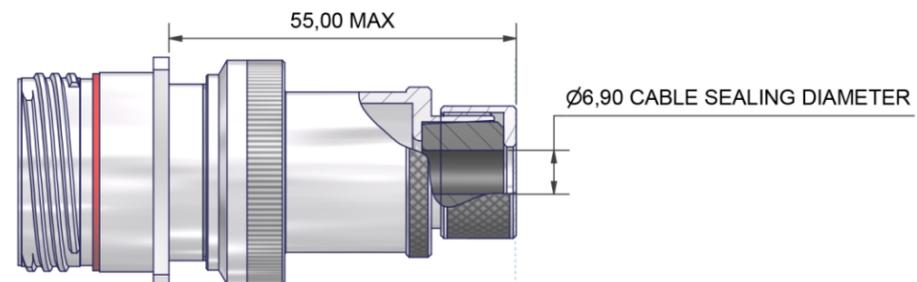
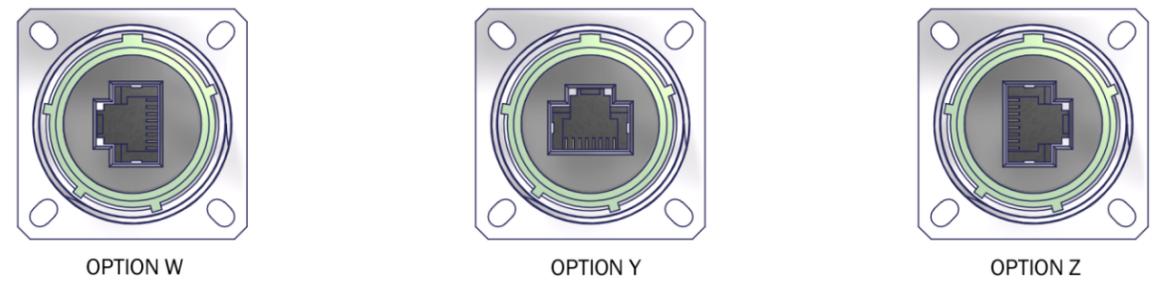
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PART NO. 900-0602 SH 1 REV. 01

REV.	SCN NO.	REVISIONS	BY	DATE	APVD.
01		PRELIMINARY RELEASE	MGD	09/18/13	



RJ45, CAT6a FEEDTHROUGH CONNECTOR GROUNDED TO OUTER SHELL  
 DATA TRANSFER RATE TESTED TO 10 GIGABIT, CONTACT SALES OFFICE FOR TEST RESULTS



005 CABLE SEALING BACKSHELL OPTION

CODE	MATERIAL / PLATING
1-C	ALUMINIUM / ELECTROLESS NICKEL
1-B	ALUMINIUM / CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
1-ZB	ALUMINIUM / ZINC COBALT OLIVE DRAB OVER ELECTROLESS NICKEL
4-J	STAINLESS STEEL / PASSIVATE
2-Z	NICKEL ALUMINIUM BRONZE / SHOT BLAST

LIST NOT EXHAUSTIVE, FOR COMPREHENSIVE LIST AND SPECS, SEE WEBSITE

**ST4B0029-19NX-1-C(-005)**

- SERIES \_\_\_\_\_
  - SHELL SIZE \_\_\_\_\_
  - KEY ARRANGEMENT (N, A, B, C, D, E) \_\_\_\_\_
  - INSERT ROTATION (W, X, Y, Z) \_\_\_\_\_
  - MATERIAL (SEE TABLE) \_\_\_\_\_
  - PLATING (SEE TABLE) \_\_\_\_\_
  - CABLE SEALING BACKSHELL OPTION \_\_\_\_\_
- PART NUMBER FOR UNGROUNDED VERSION: ST4B0029-19NX-1-C-U

NOTES  
 GENERALLY TO THE REQUIREMENTS OF MIL-DTL-38999  
 MATES WITH AMPHENOL RJ45

FINISH  
 SEE TABLE  
 MATERIALS  
 RJ45  
 CONTACTS COPPER WITH SELECTIVE GOLD PLATE  
 SHIELDING - NICKEL PLATED BRASS  
 BODY - PA, UL94V-0  
 PCB - FR4, UL94V-0

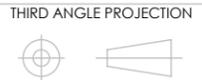
SEAL - SILICONE ELASTOMER  
 INSULATOR - PPS GL40 UL94, COLOUR BLACK  
 POTTING - QSIL 550 UL94V-0

PERFORMANCE  
 VOLTAGE RATING 50V DC / 35V AC  
 TEMPERATURE -40°C TO +120°C

TOLERANCES	DRAWN BY	DATE
.0	M. DECARLO	09/18/13
.00	CHECKED BY	DATE
.000	APPROVED BY	DATE
.0000		
ANGLES		

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**CORNING**

CONN. ASS'Y,  
 CAT6a RJ45  
 FEEDTHROUGH,  
 FLANGEMOUNT  
 RECEIPT.

39 GREAT HILL RD  
 NAUGATUCK, CT 06770  
 (203) 729-2572

DWG. SIZE	PART NO.	REV.
B	900-0601	01

PART NO. 900-0601 SH 1 REV. 01