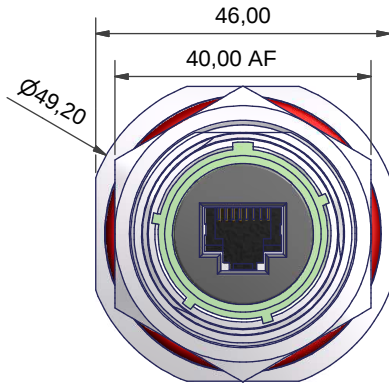
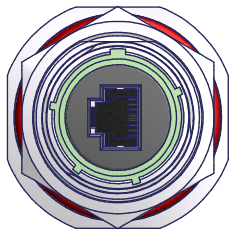
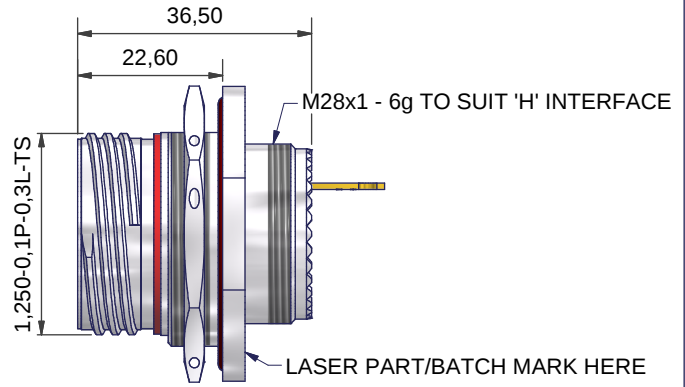
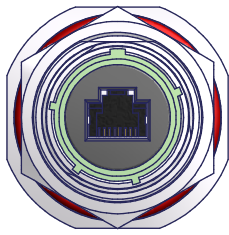




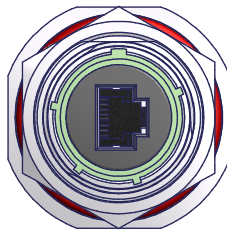
OPTION X (STANDARD)



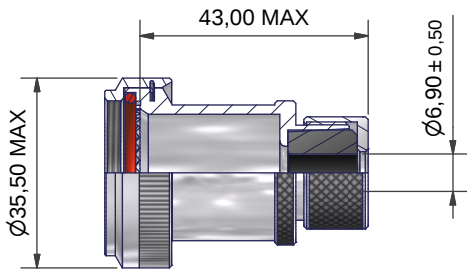
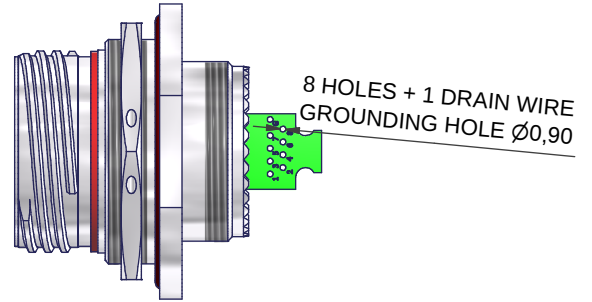
OPTION W



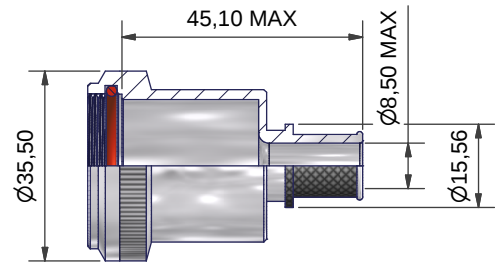
OPTION Y



OPTION Z



005 - CABLE SEALING OPTION



BT - BOOT OPTION

PC4F0034(H)-19NX-1-C(-BT)

SERIES  
SEALING OPTION (SEE NOTES)  
(OMIT FOR STANDARD IP68 SEALED WHEN MATED)  
SHELL SIZE  
KEY ARRANGEMENT (N, A, B, C, D, E)  
INSERT ROTATION (W, X, Y, Z)  
MATERIAL/PLATING (SEE TABLE)  
BACKSHELL OPTION (005 = CABLE SEAL, BT = BOOT)  
PART NUMBER FOR UNGROUNDED VERSION: PC4F0034-19NX-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

SEALING (UNMATED)  
H - HERMETICALLY SEALED TO  $< 1.0 \times 10^{-6}$  STD.CC/SEC (MBAR.L/SEC) HELIUM  
S - PRESSURE TESTED TO 1 BAR

| 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      |
| 1-ZK | ALUMINIUM - ZINC COBALT, BLACK OVER ELECTROLESS NICKEL           |
| 1-ZN | ALUMINIUM - ZINC NICKEL, BLACK PASSIVATE 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

|                  |        |      |            |
|------------------|--------|------|------------|
| DRAWN            | DIW    | DATE | 16/09/2011 |
| SALES APPR       | JLM    | DATE | 16/09/2011 |
| DESIGN APPR      | M.PAUL | DATE | 27/09/2011 |
| PROD APPR        |        |      |            |
| QUAL APPR        |        |      |            |
| ISSUE            | REV    | DCR  | 5187       |
| 1                | 1      |      |            |
| NCAGE CODE U5792 | WEIGHT |      |            |



3RD ANGLE  
PROJECTION  
NOT TO  
SCALE

UNLESS OTHERWISE SPECIFIED  
ALL DIMENSIONS IN MILLIMETRES  
GENERAL TOL  
LINEAR  $\pm 0,25$ MM  
ANGULAR  $\pm 1^\circ$

MATERIAL  
SEE PART NUMBER  
BREAKDOWN  
FINISH  
SEE PART NUMBER  
BREAKDOWN



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LOWER BRISTOL ROAD  
BATH BA2 1EP

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CONSENT OF THE COMPANY.

ASSY USED ON: CAT6A D38999/24

TITLE:  
CAT6A RJ45 SOLDER JAM NUT RECEPTACLE

PART NUMBER:  
PC4F0034-19xx-x-x

DRAWING NO: C3374  
SHT 1