DESCRIPTION: POWER / SIGNAL - RIGHT ANGLE - MALE

2.088
1.852
1.534

4-40 THREADED INSERT
2-PLACES

| 1 | 2 | 3 | 4 | 5 | A1 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | | 16 | 17 | 18 | 19 | 20 |

0.327
0.492

0.112

10°

SEE SHEET 2 FOR
PIN DIMENSIONS

0.240
0.032
0.433

SEE SHEET 2
FOR DETAILS
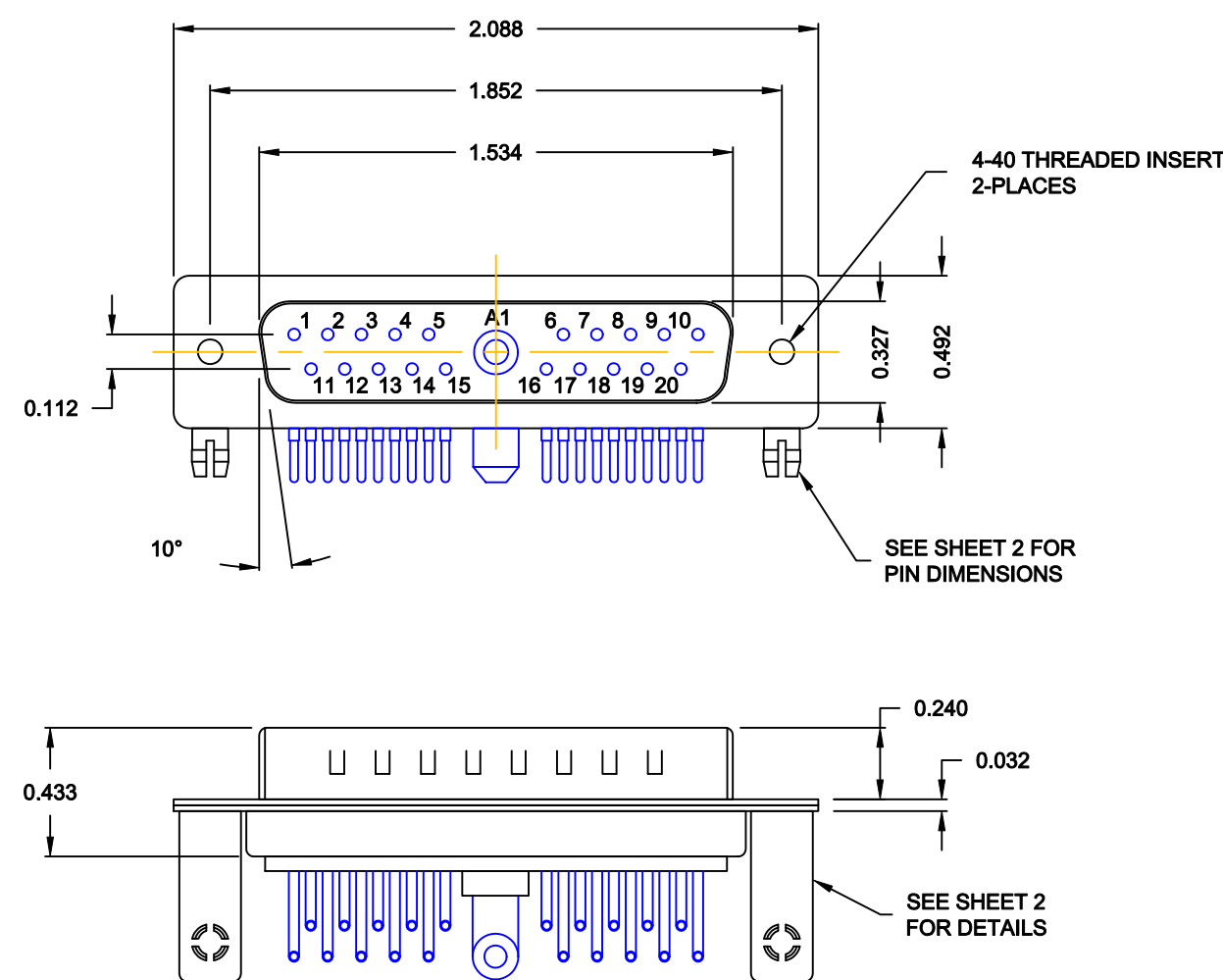
SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE:	5 G OHMS Min.
DIELECTRIC WITHSTANDING:	1,000VAC r.m.s.
OPERATING TEMPERATURE:	-55° C ~ +125° C
POWER CONTACT RESISTANCE:	1.0 MilliOHMS Max.
SIGNAL CONTACT RESISTANCE:	2.7 MiiliOHMS Max.
POWER PINS:	40 AMPS
SIGNAL PINS:	5 AMPS

MECHANICAL:

CONTACT INSERTION FORCE:	4.5 Kg Max.
CONTACT SEPARATOR FORCE:	0.3Kg Min.

MATERIALS:

CONTACTS:	COPPER ALLOY
INSULATOR:	PBT THERMOPLASTIC, 30% GLASS FILLED, UL94V-0 RATED, BLACK 230°C PROCESS TEMP.
SHELL:	STEEL
BOARD LOCK:	BRASS, NICKEL PLATED
CINCHNUT:	BRASS, NICKEL PLATED
BRACKET:	STEEL, NICKEL PLATED
SEAL:	F08 FLEXIBLE ADHESIVE

FINISH:

SHELL:	NICKEL
CONTACTS:	FULL GOLD FLASH

68421W1103L461

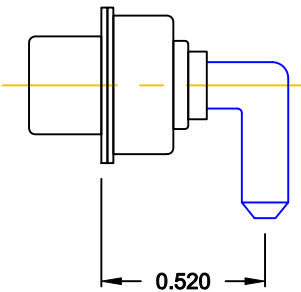46 = 4-40 INSERTS /
BOARD LOCKS

RoHS COMPLIANT

MEETS IP67 STANDARDS

(SEE PAGE 3 FOR SEALING DETAILS)

NorComp

DRAWN: M. SIGMON	DATE: 06-11-13
CHECKED:	DATE:

SCALE: 1.5 = 1	SHEET 1	OF 3	REV 0

DWG NO. 684S21W1103L461

NOTE:
POWER CONTACTS COME
PRE-LOADED INTO INSULATORS

1.852
0.652
0.598
0.544
0.489
0.435
0.381
0.326
0.272
0.218
0.163

Ø0.165
1-PLACE

Ø0.130
2-PLACES

Ø0.043
20-PLACES

0.520
0.470
0.420
0.370

PCB EDGE

SIGNAL CONTACTS

0.395
0.507

40 AMP POWER CONTACT

0.520

4-40 INSERT

BOARDLOCK
FOR Ø 0.121 HOLE
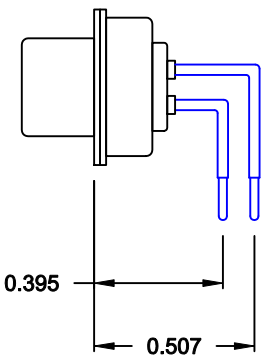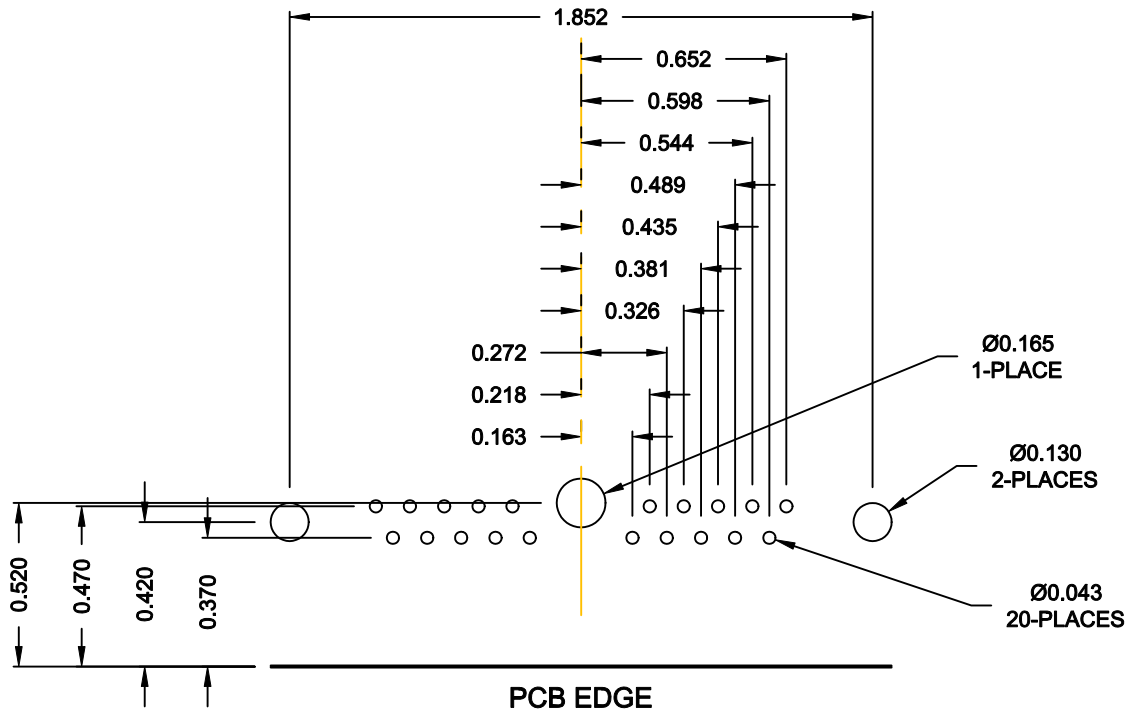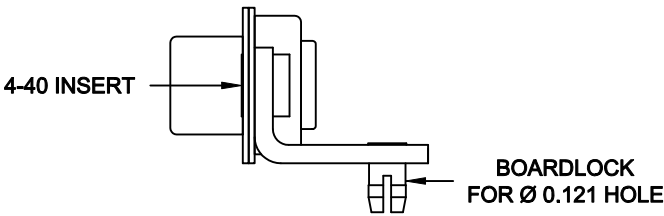
MOUNTING HARDWARE

RoHS COMPLIANT

NorComp

DRAWN: M. SIGMON	DATE: 06-11-13
CHECKED:	DATE:

SCALE: 1.5 = 1	SHEET 2	OF 3	REV 3

DWG NO. 684S21W1103L461

A

A
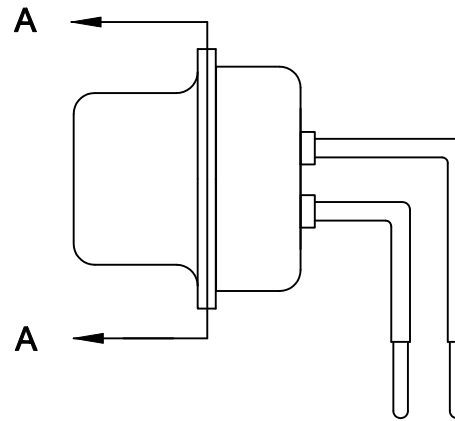
FRONT SEAL APPLIED OVER INSULATOR
AND BETWEEN FRONT & REAR SHELLS
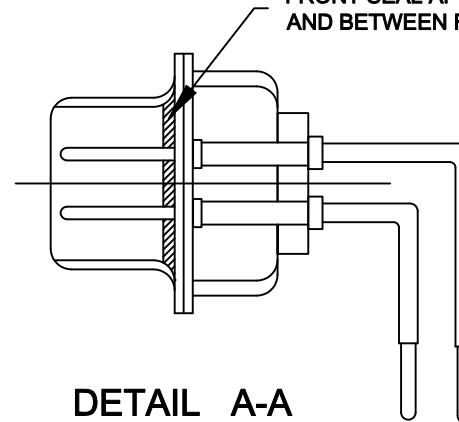
DETAIL   A-A

SHOWN FOR REFERENCE ONLY

DO NOT SCALE FROM DRAWING

DRAWN: M. SIGMON	DATE: 06-11-13
CHECKED:	DATE:

SCALE: N.T.S.	SHEET 3	OF 3	REV 0

DWG NO. 684S21W1103L461

RoHS COMPLIANT

NorComp