

SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE: 5 GOHMS Min.
 DIELECTRIC WITHSTANDING: 1,000 VAC for 1 MINUTE
 OPERATING TEMPERATURE: -55° C ~ +155° C
 CONTACT RESISTANCE: 1.0 mOHMS Max.
 POWER PINS: SEE PART No. BELOW
 SIGNAL PINS: 5 AMPS

MECHANICAL:

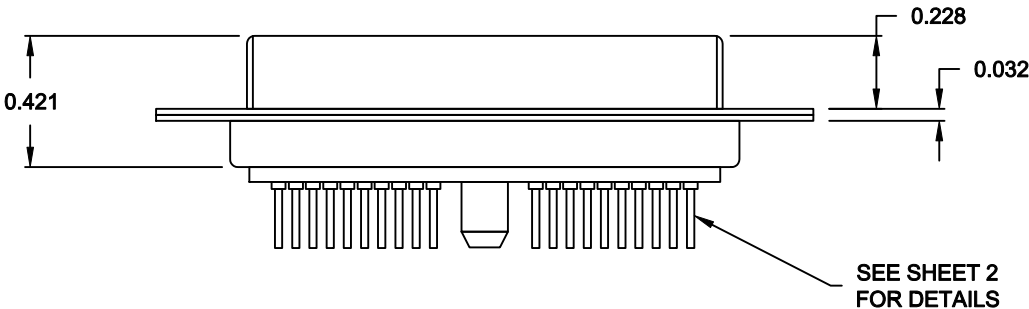
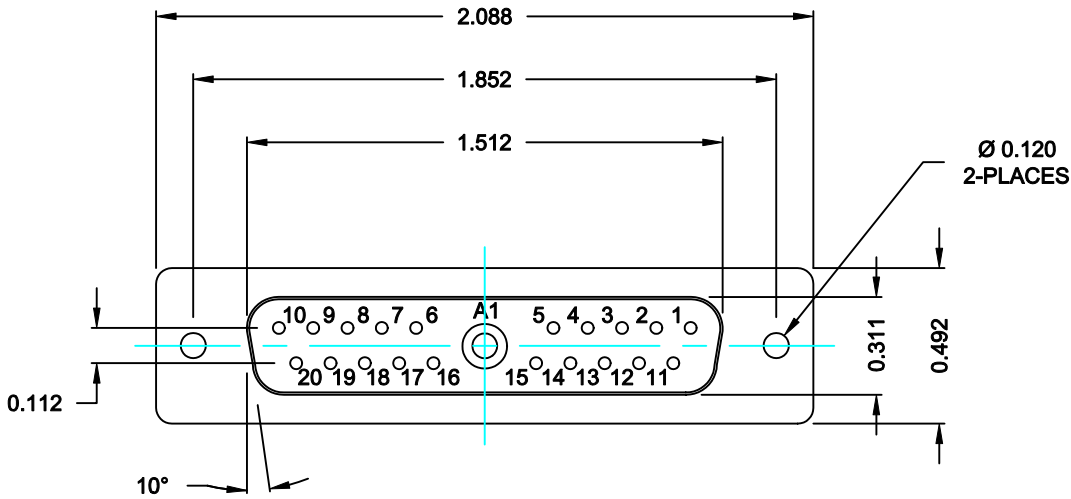
CONTACT INSERTION FORCE: 4.5 Kg Max.
 CONTACT SEPARATOR FORCE: 0.3Kg Min.

MATERIALS:

CONTACTS: COPPER ALLOY
 INSULATOR: PBT UL94V-0 RATED, BLACK
 230°C PROCESS TEMP.
 SHELL: STEEL
 SEAL: F04 FLEXIBLE ADHESIVE

FINISH:

SHELL: NICKEL
 CONTACTS: FULL GOLD FLASH



681S21W1203L001

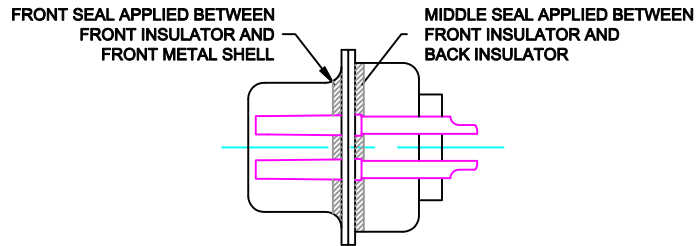
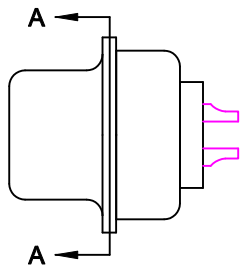
00 = 20 / 40 AMPS

MEETS IP67 STANDARDS

(SEE PAGE 2 FOR SEALING DETAILS)

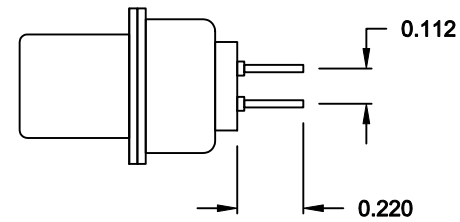
RoHS COMPLIANT

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| | | | CHECKED: X | DATE: X |
| NorComp | | SCALE: X | SHEET 1 | OF 3 |
| | | DWG NO. 681S21W1203L001 | | |

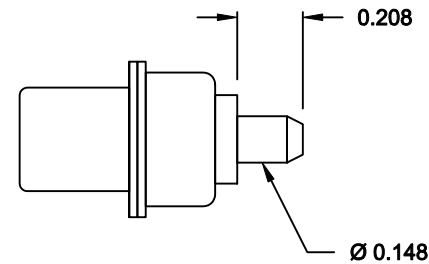


DETAIL A-A
SHOWN FOR REFERENCE ONLY

NOTE:
SIGNAL AND POWER CONTACTS
COME PRE-LOADED INTO INSULATORS



SIGNAL CONTACTS



POWER CONTACTS

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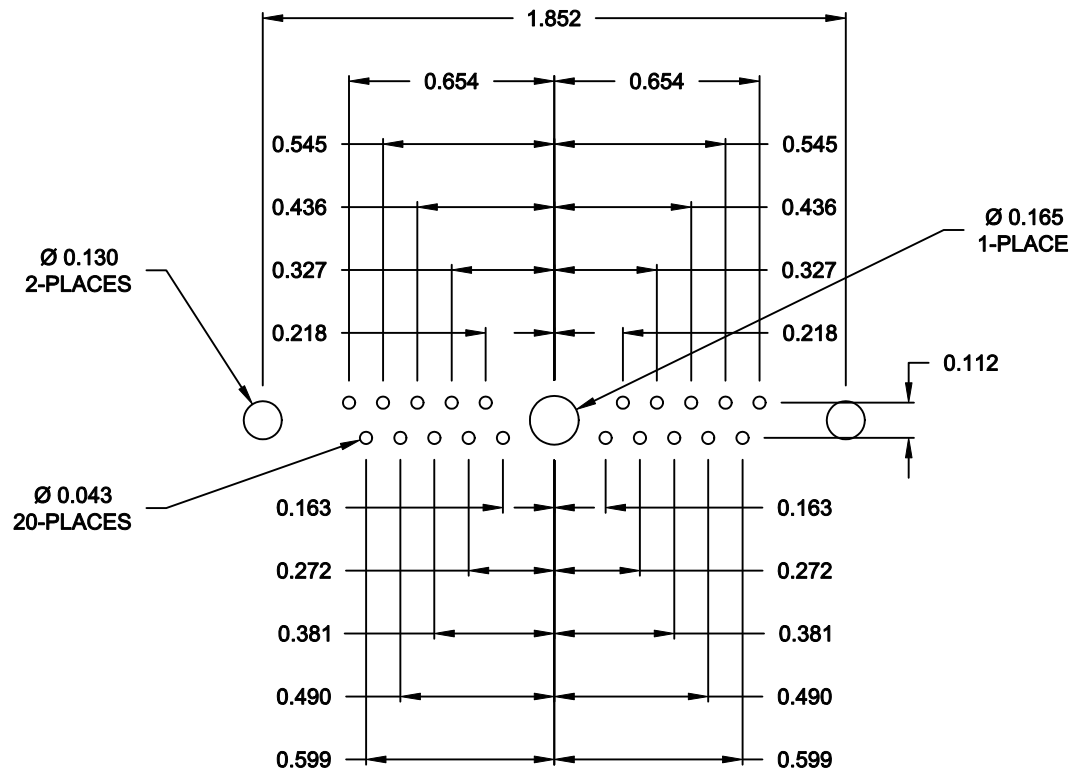
DRAWN: M. SIGMON DATE: 06-11-13

CHECKED: X DATE: X

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RECOMMENDED PCB LAYOUT

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|--|---|--------------------------------|-------------------------------|--------------------------|
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