

SEE SHEET 2
FOR CONTACT & BRACKET DIMENSION DETAILS

ELECTRICAL:

INSULATOR RESISTANCE: 5 GΩ MIN.
WORKING VOLTAGE: 250V
OPERATING TEMPERATURE: -55°C TO +125°C
POWER CONTACT RESISTANCE: 2.0 mΩ MAX.
SIGNAL CONTACT RESISTANCE: 10 mΩ MAX.
POWER CONTACT AMPERAGE: 40 AMPS
SIGNAL CONTACT RESISTANCE: 5 AMPS

MECHANICAL:

CONTACT INSERTION FORCE: 4.5 Kg MAX.
CONTACT SEPARATION FORCE: 0.3 Kg MIN.

MATERIALS:

CONTACTS: COPPER ALLOY, GOLD FLASH
INSULATOR: PBT UL94V-0 RATED
SHELL: 230°C PROCESS TEMP.
NICKEL PLATED STEEL
BRACKET: NICKEL PLATED STEEL
BOARD LOCK: NICKEL PLATED BRASS
SEAL: F08 FLEXIBLE ADHESIVE

MEETS IP67 STANDARDS

(SEE PAGE 3 FOR SEALING DETAILS)

684S17W2103LYYY

00 = 40 AMP POWER // NO BRACKET // STANDARD PCB TAILS
46 = 40 AMP POWER // #4-40 BRACKET // STANDARD PCB TAILS
62 = 40 AMP POWER // #4-40 BRACKET // 2.22mm PCB TAILS

1 = GOLD FLASH

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DRAWN:

M. SIGMON

DATE:

05/22/2012

UNITS = inches [mm]

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SCALE:

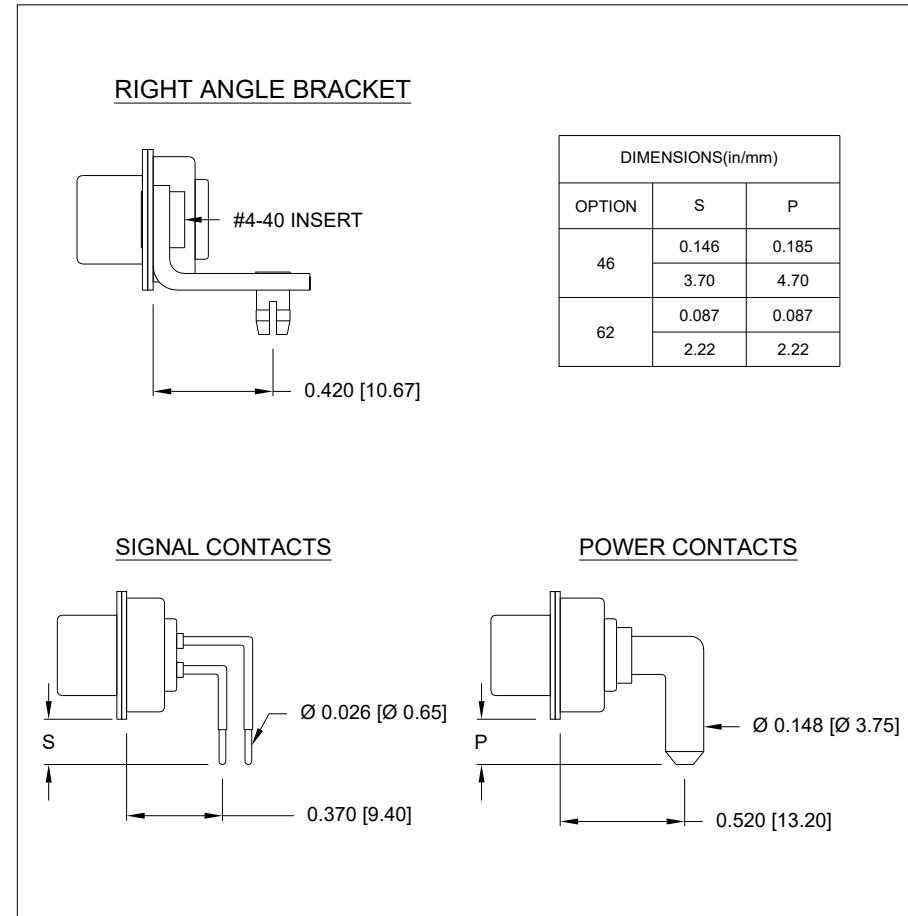
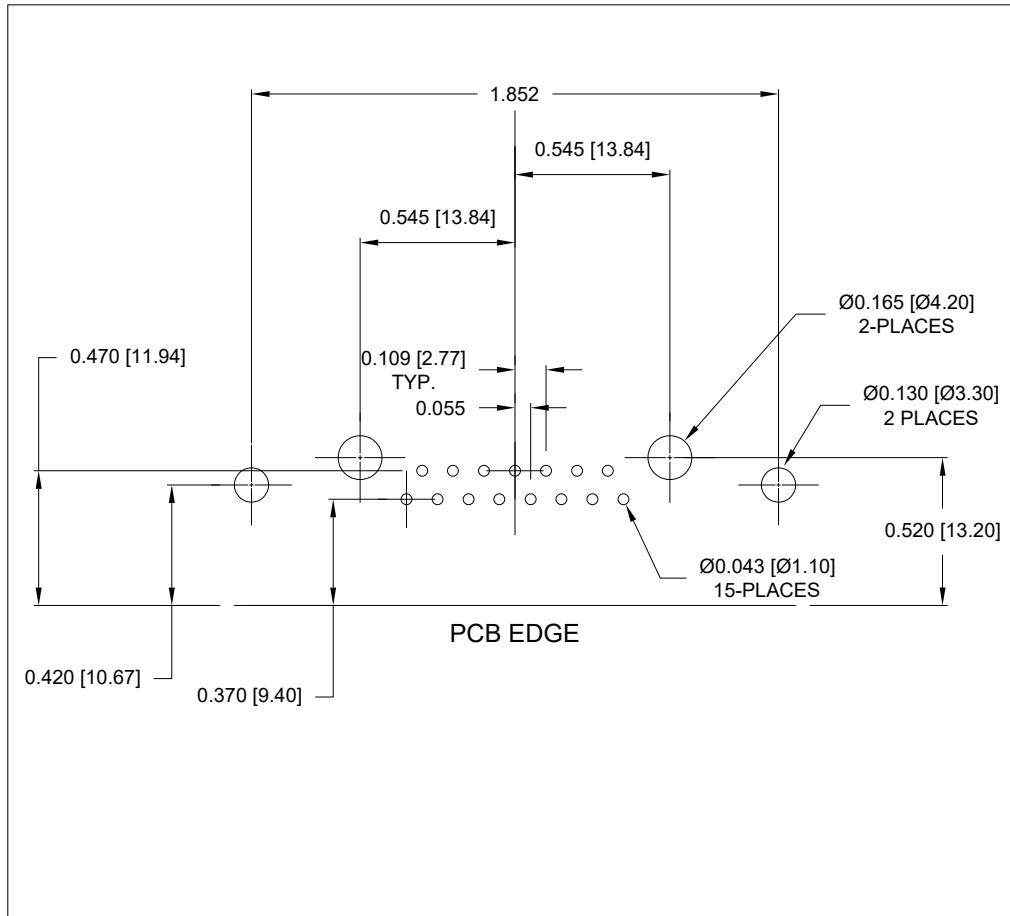
NTS

DWG NO.

1 OF 3

REV 5

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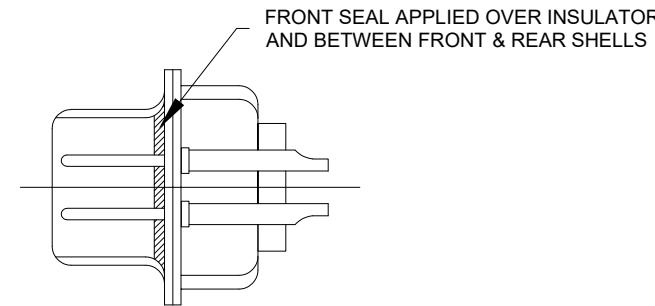
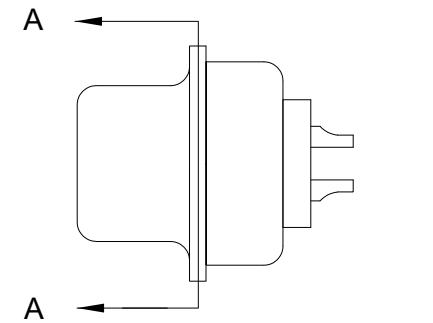
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DETAIL A-A
SHOWN FOR REFERENCE ONLY

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