

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 PINS: 40 AMPS  
SIGNAL PINS: 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)

684S5W1103LYYY

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

RoHS COMPLIANT



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DRAWN:

M. SIGMON

DATE:

04/23/2013

UNITS = inches [mm]

DO NOT SCALE FROM DRAWING

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SCALE:

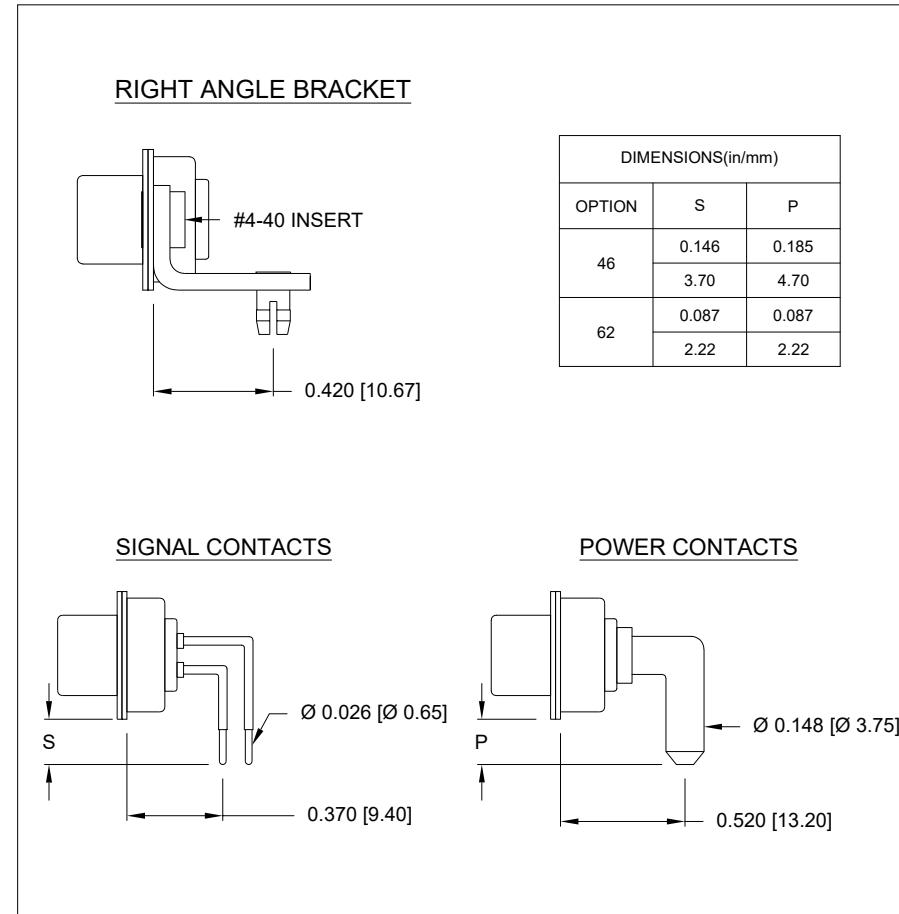
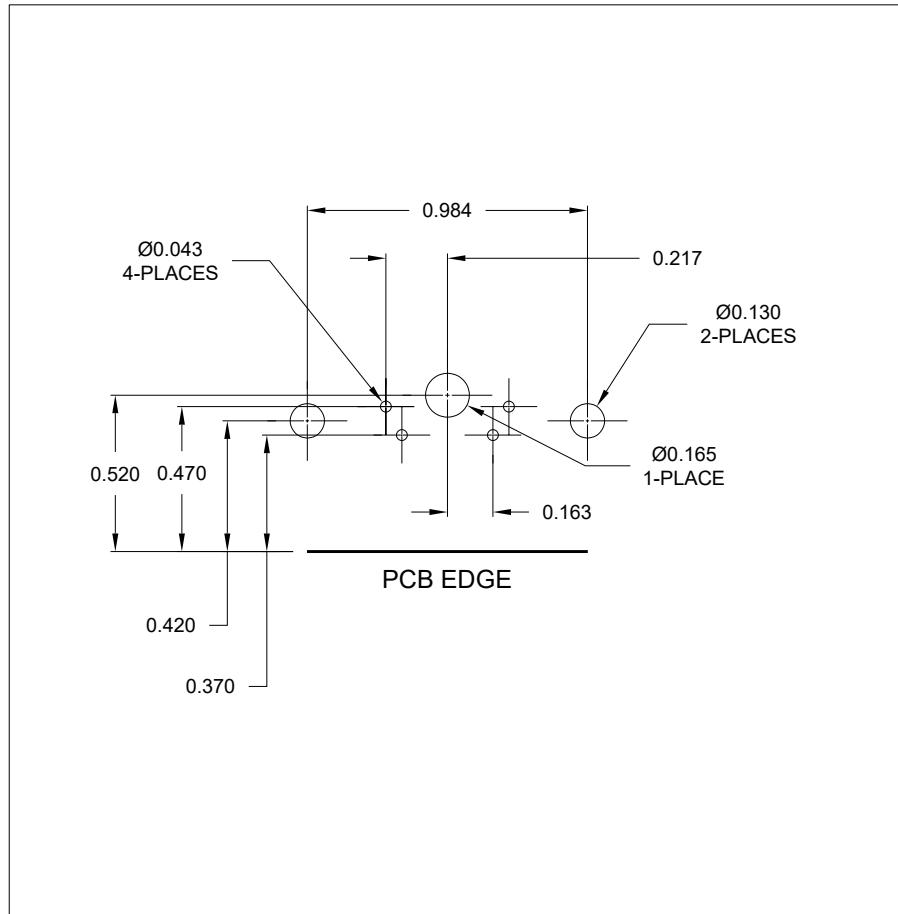
NTS

DWG NO.

1 OF 3

REV 3

684S5W1103L461



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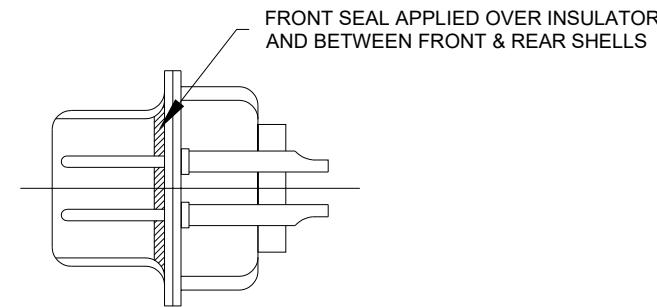
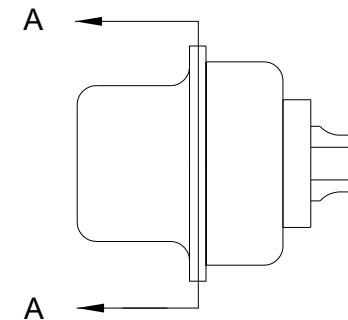
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DETAIL A-A  
SHOWN FOR REFERENCE ONLY

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