

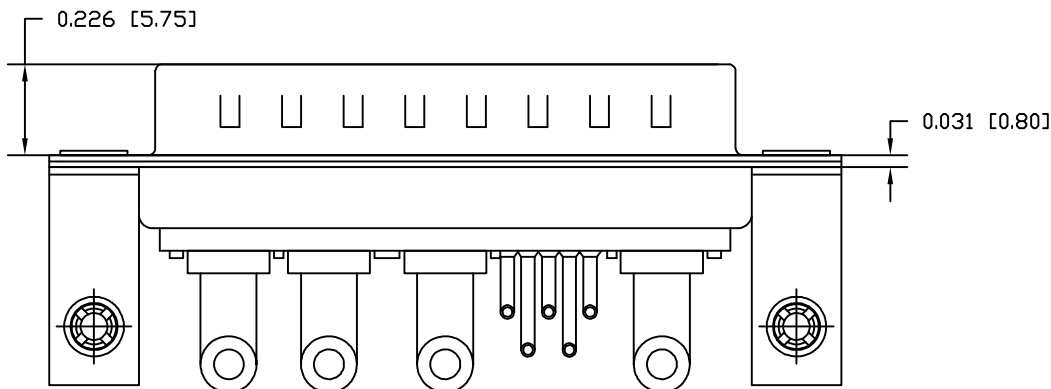
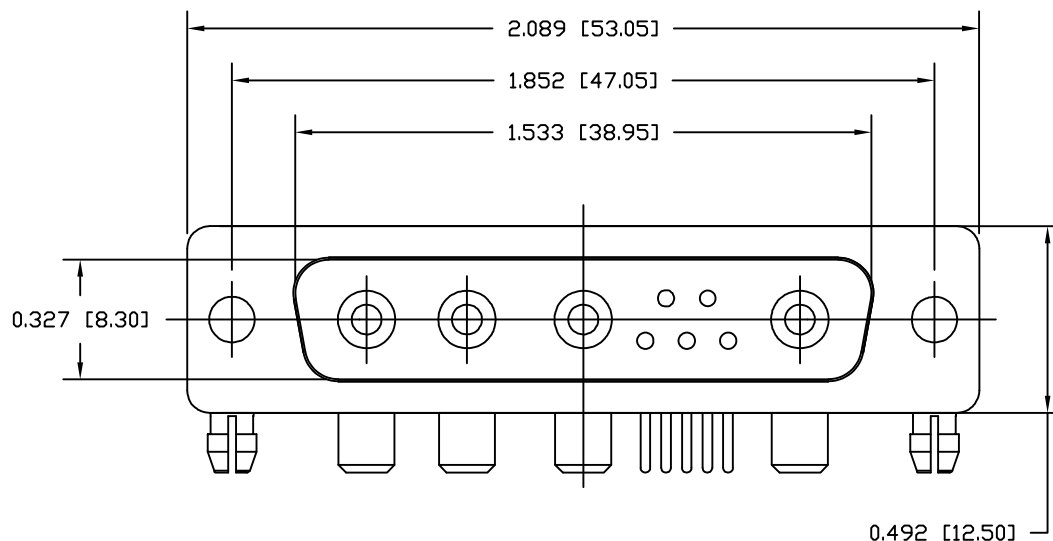
DESCRIPTION: POWER - RIGHT ANGLE - MALE - MACHINED - IP67

SPECIFICATIONS:

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
 230°C PROCESS TEMP.
 SHELL: NICKEL PLATED STEEL
 BRACKET: NICKEL PLATED STEEL
 BOARD LOCK: NICKEL PLATED BRASS
 SEAL: F08 FLEXIBLE ADHESIVE



SEE SHEET 2
 FOR CONTACT & BRACKET DIMENSION DETAILS

MEETS IP67 STANDARDS

(SEE PAGE 3 FOR SEALING DETAILS)

684S9W4103LYYY

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

UNITS = inches [mm]

DO NOT SCALE FROM DRAWING



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DRAWN:
 M. SIGMON

DATE:
 08/06/2012

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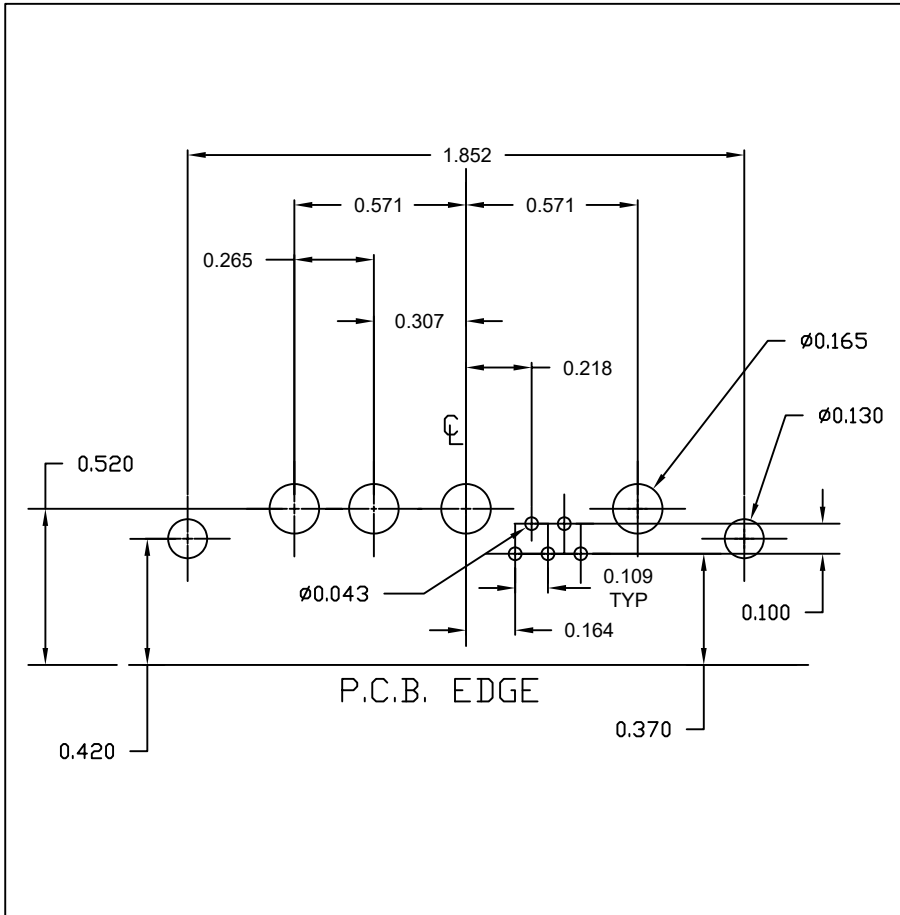
SCALE:
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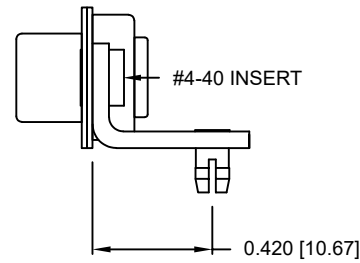
REV
 6

DWG NO.

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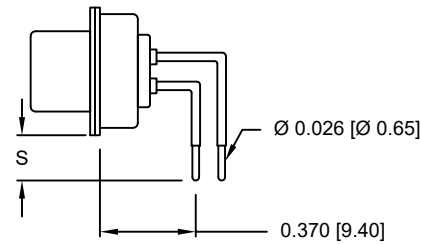


RIGHT ANGLE BRACKET

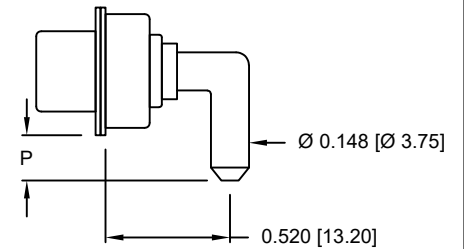


DIMENSIONS(in/mm)		
OPTION	S	P
46	0.146	0.185
	3.70	4.70
62	0.087	0.087
	2.22	2.22

SIGNAL CONTACTS



POWER CONTACTS



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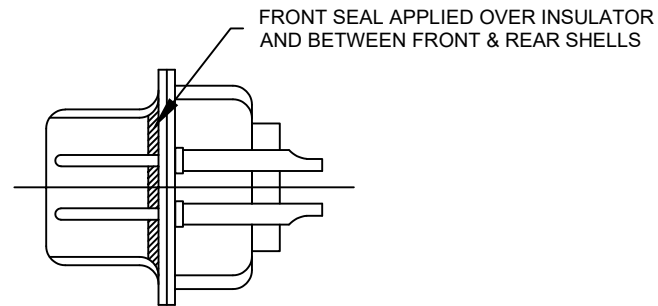
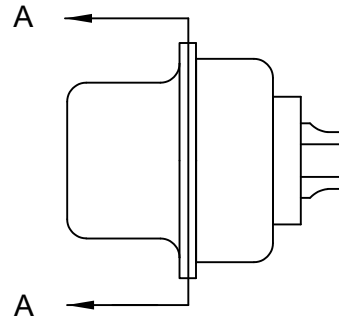
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SHEET 2 OF 3

REV 6

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DETAIL A-A
SHOWN FOR REFERENCE ONLY

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