

SPECIFICATIONS:

ELECTRICAL:

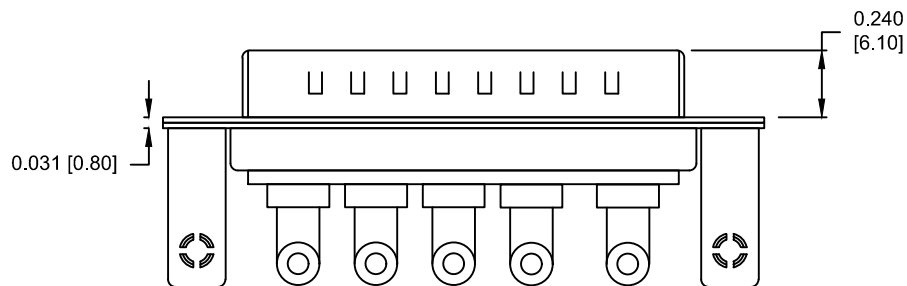
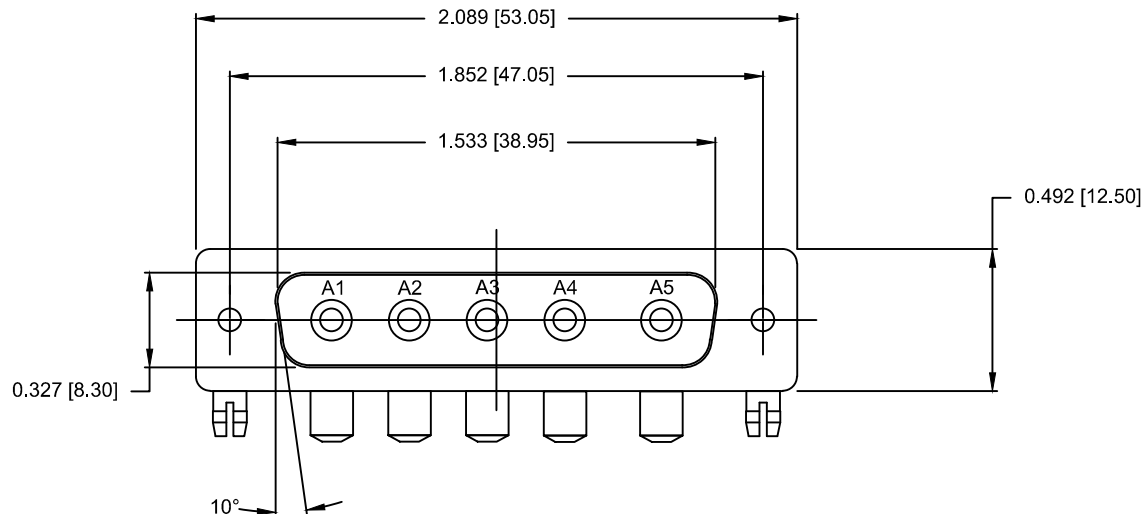
INSULATOR RESISTANCE: 5 GΩ MIN.  
 WORKING VOLTAGE: 250V  
 OPERATING TEMPERATURE: -55°C TO +125°C  
 POWER CONTACT RESISTANCE: 1.0 mΩ MAX.  
 POWER CONTACT AMPERAGE: SEE P/N KEY

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)

684S5W5103LYYY

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:  
 08/22/2011

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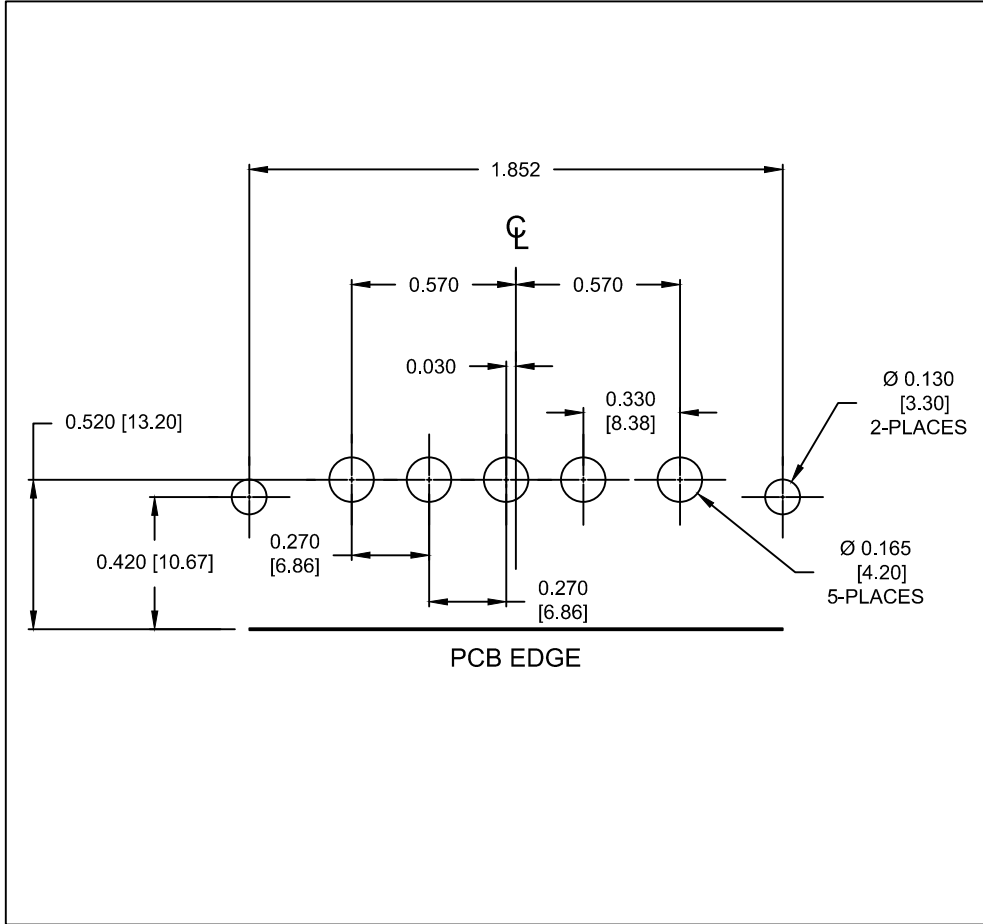
SCALE:  
 NTS

SHEET 1 OF 3

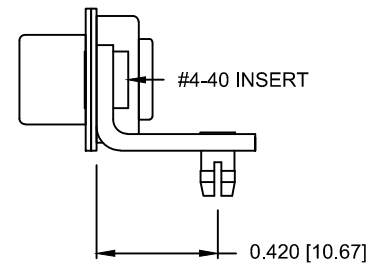
REV 2

DWG NO.

684S5W5103L461

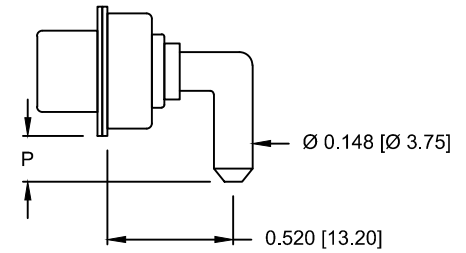


RIGHT ANGLE BRACKET



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

POWER CONTACTS



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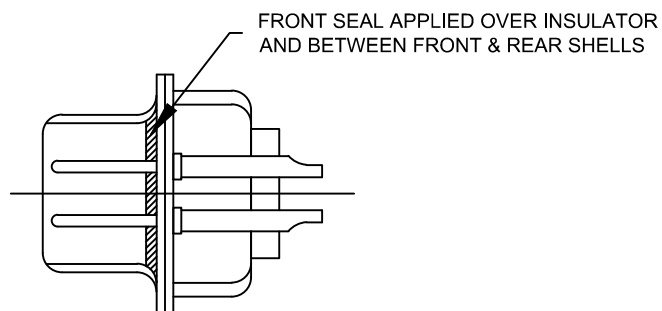
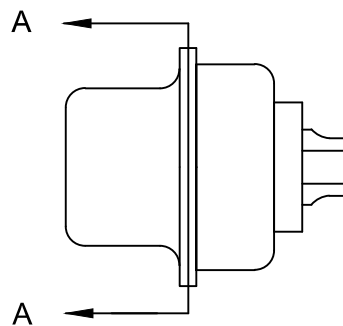
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SHEET 2 OF 3

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FRONT SEAL APPLIED OVER INSULATOR  
AND BETWEEN FRONT & REAR SHELLS

DETAIL A-A

SHOWN FOR REFERENCE ONLY

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SHEET OF  
3 3

REV  
2

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