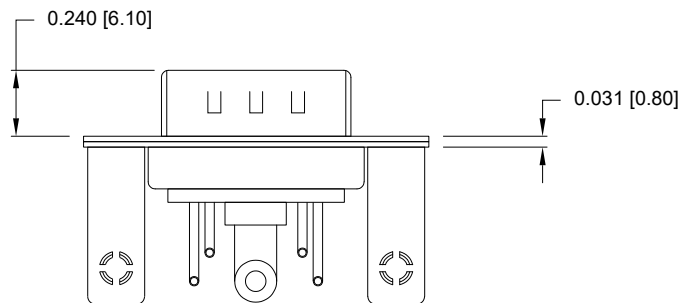
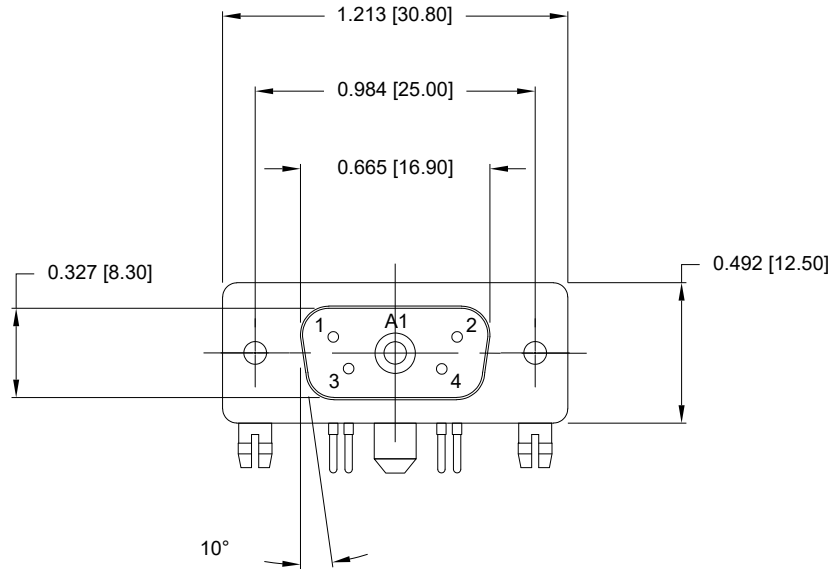


SPECIFICATIONS :

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)

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

UNITS = inches [mm] DO NOT SCALE FROM DRAWING



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 M. SIGMON

DATE:  
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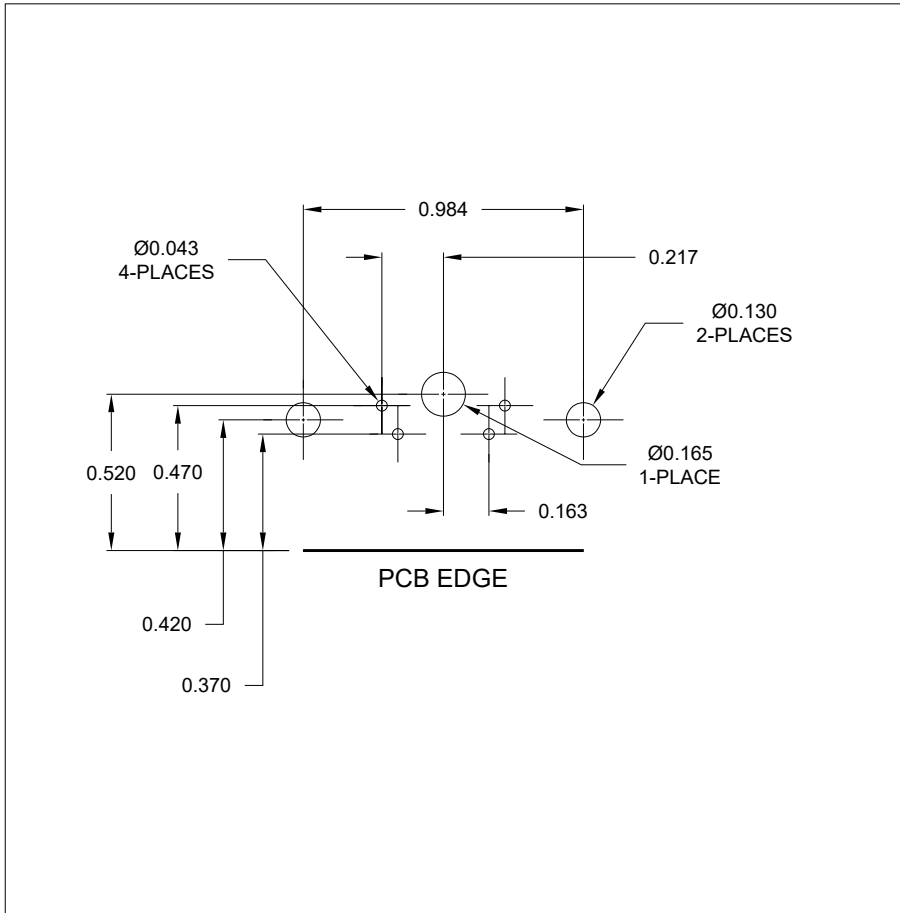
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SHEET OF  
 1 3

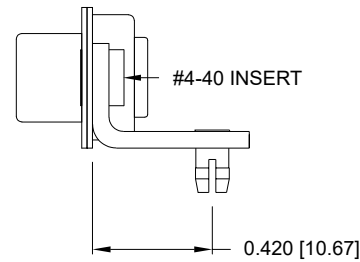
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DWG NO.

684S5W1103L461

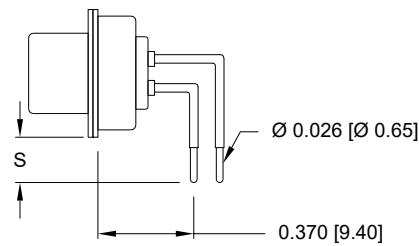


RIGHT ANGLE BRACKET

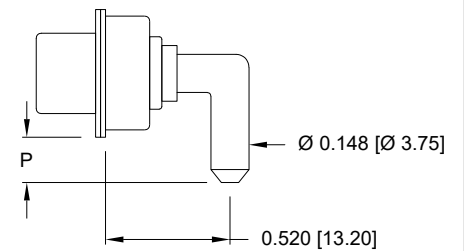


DIMENSIONS(in/mm)		
OPTION	S	P
46	0.146	0.185
	3.70	4.70
62	0.087	0.087
	2.22	2.22

SIGNAL CONTACTS



POWER CONTACTS



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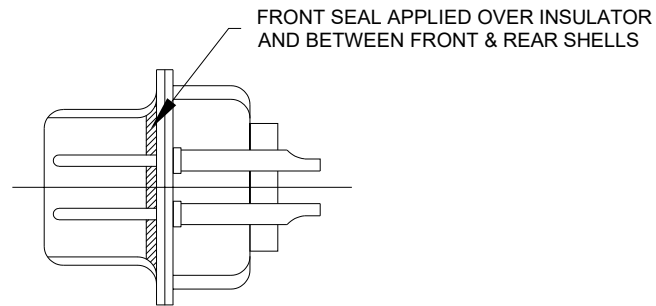
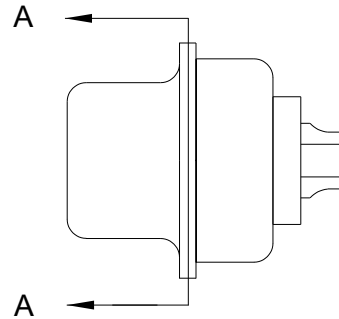
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SHEET 2 OF 3

REV 3

DWG NO.

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DETAIL A-A  
SHOWN FOR REFERENCE ONLY

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SCALE:  
NTS

SHEET 3 OF 3

REV 3

DWG NO.

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