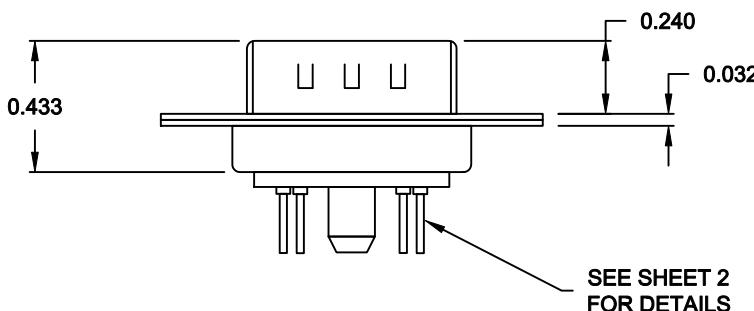
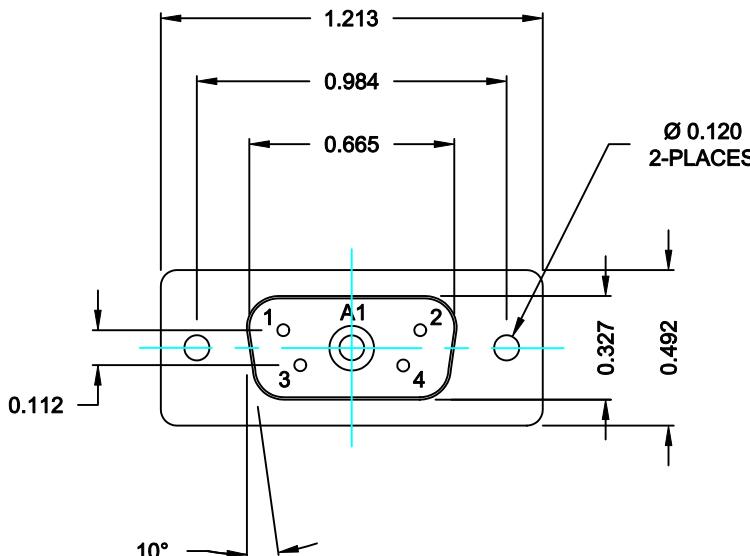


## SPECIFICATIONS:



## ELECTRICAL:

INSULATOR RESISTANCE:	5 G OHMS Min.
DIELECTRIC WITHSTANDING:	1,000VAC r.m.s.
OPERATING TEMPERATURE:	-55° C ~ +155° C
POWER CONTACT RESISTANCE:	1.0 MilliOHMS Max.
SIGNAL CONTACT RESISTANCE:	2.7 MilliOHMS Max.
POWER PINS:	40 AMPS
SIGNAL PINS:	5 AMPS

## MECHANICAL:

CONTACT INSERTION FORCE:	4.5 Kg Max.
CONTACT SEPARATOR FORCE:	0.3Kg Min.

## MATERIALS:

CONTACTS:	COPPER ALLOY
INSULATOR:	PBT UL94V-0 RATED, BLK
SHELL:	230°C PROCESS TEMP.
SEAL:	STEEL

## FINISH:

SHELL:	NICKEL
CONTACTS:	F08 FLEXIBLE ADhesive

681S5W1103L001

00 = 20 / 40 AMPS

MEETS IP67 STANDARDS

(SEE PAGE 2 FOR SEALING DETAILS)

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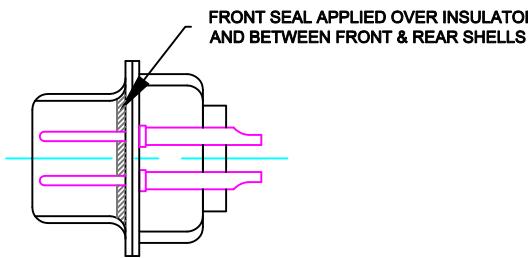
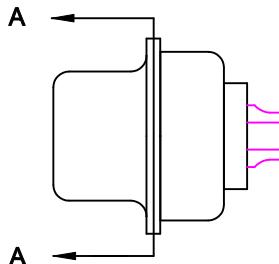
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CHECKED: X DATE: X

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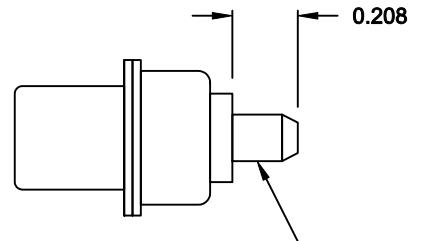
DWG NO. 681S5W1103L001

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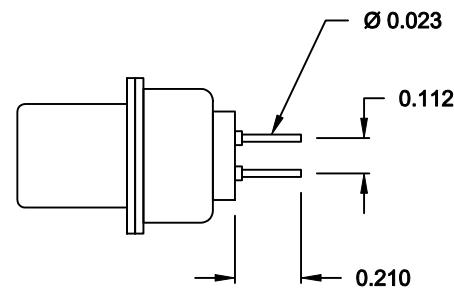


DETAIL A-A  
SHOWN FOR REFERENCE ONLY

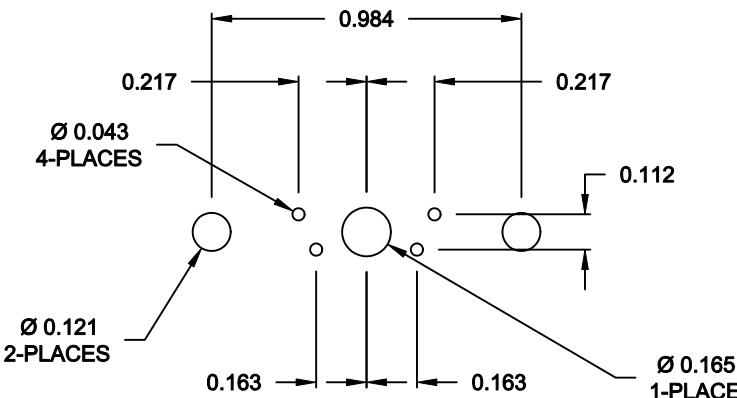
NOTE:  
SIGNAL AND POWER CONTACTS  
COME PRE-LOADED INTO INSULATORS



POWER CONTACTS



SIGNAL CONTACTS



RECOMMENDED PCB LAYOUT

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