

SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE: 5 GOHMS Min.
 DIELECTRIC WITHSTANDING: 1,000 VAC for 1 MINUTE
 OPERATING TEMPERATURE: -55° C ~ +125° C
 SIGNAL CONTACT RESISTANCE: 2.7 mOHMS Max.
 POWER CONTACT RESISTANCE: 1.0 mOHMS Max.
 POWER PINS: SEE PART No. BELOW
 SIGNAL PINS: 5 AMPS

MECHANICAL:

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

MATERIALS:

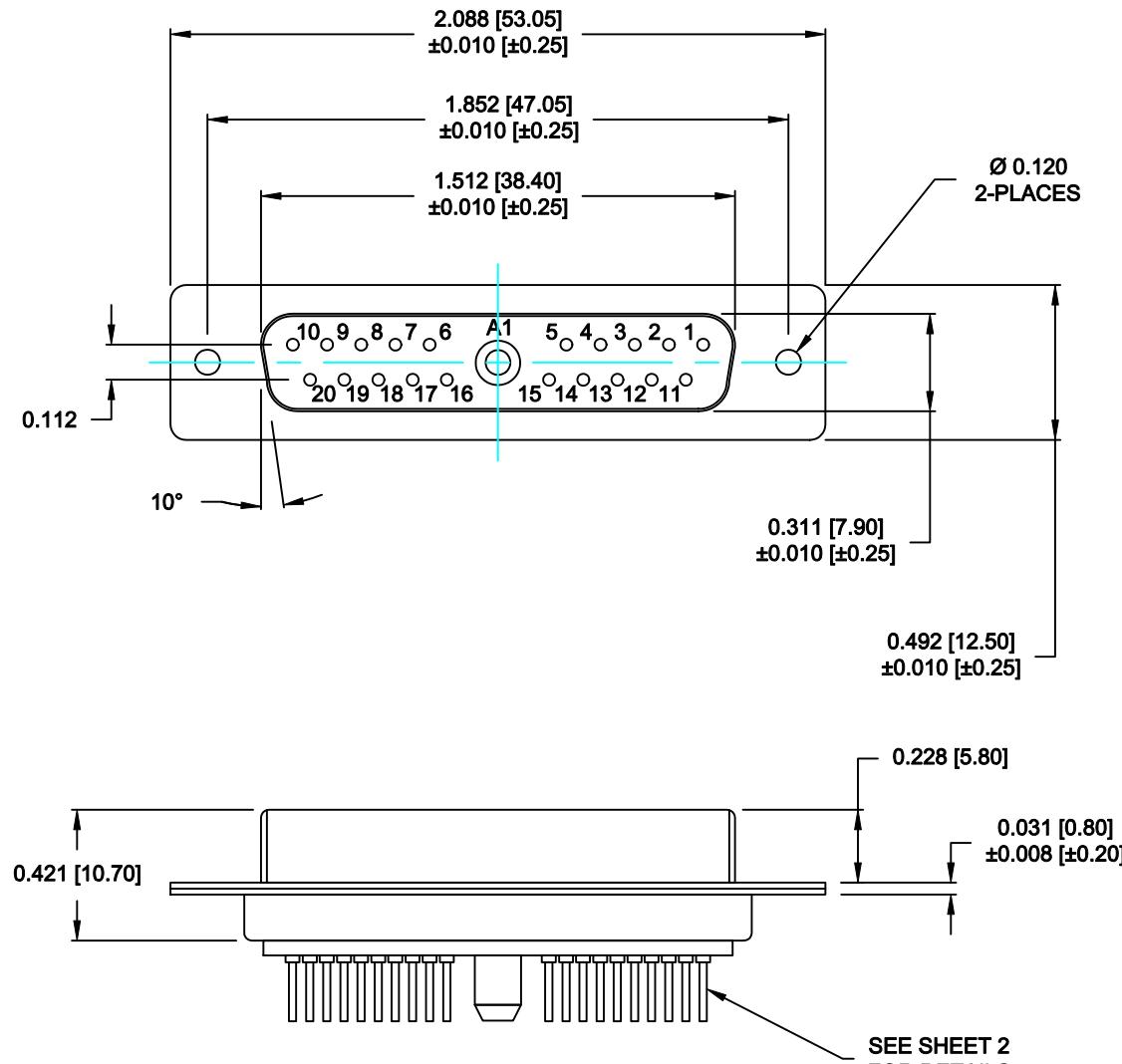
CONTACTS: COPPER ALLOY
 INSULATOR: PBT UL94V-0 RATED, BLACK
 SHELL: 230°C PROCESS TEMP.
 STEEL

FINISH:

SHELL: NICKEL
 CONTACTS: FULL GOLD FLASH

681M21W1203L001

00 = 20 / 40 AMPS

SEE SHEET 2
FOR DETAILS

RoHS COMPLIANT

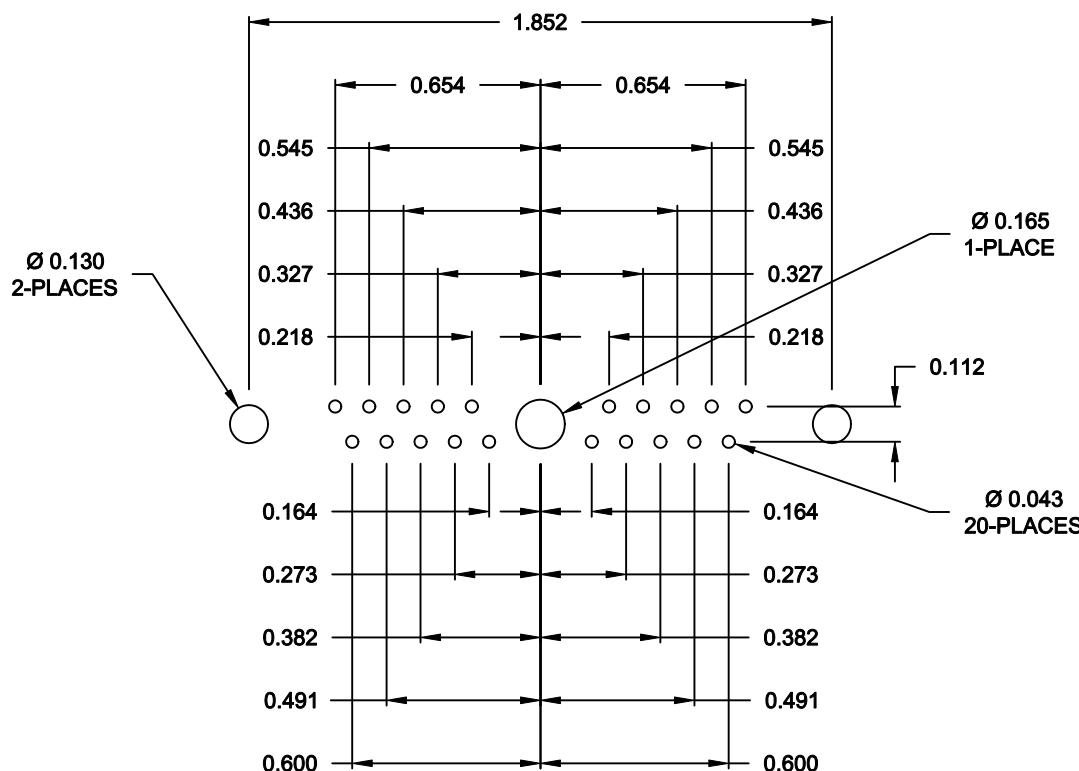


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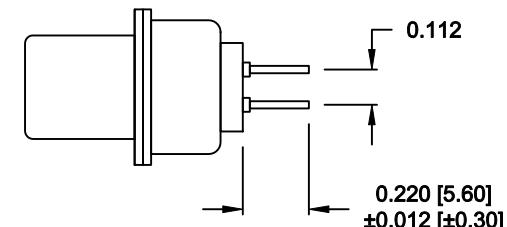
DRAWN:	M. SIGMON	DATE:	07-19-13
CHECKED:	X	DATE:	X
SCALE:	X	SHEET	1 2
REV	0	OF	
DWG NO.	681M21W1203L001		

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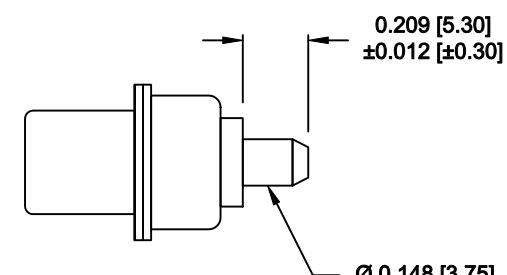
NOTE:
SIGNAL AND POWER CONTACTS
COME PRE-LOADED INTO INSULATORS



RECOMMENDED PCB LAYOUT



SIGNAL CONTACTS



POWER CONTACTS

RoHS COMPLIANT



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DRAWN:	M. SIGMON	DATE:	07-19-13
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CHECKED:	X	DATE:	X
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SCALE:	N.T.S.	OF	2	REV	0
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DWG NO.	681M21W1203L001			
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