

### SPECIFICATIONS:

#### **ELECTRICAL**:

INSULATOR RESISTANCE: 5 GOHMS Min.

WORKING VOLTAGE: 250V

OPERATING TEMPERATURE:  $-55^{\circ}$  C  $\sim +125^{\circ}$  C SIGNAL CONTACT RESISTANCE: 10 MilliOHMS Max.

SIGNAL CURRENT RATING: 5 AMPS

COAXIAL CONTACT RESISTANCE: 2.7 MilliOHMS Max.

COAXIAL PIN:

SEE PART NUMBER KEY

#### MECHANICAL:

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

MATERIALS

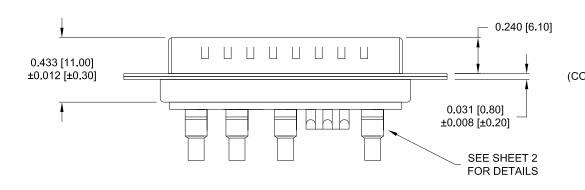
CONTACTS: COPPER ALLOY
INSULATOR: PBT UL94V-0 RATED,
230°C PROCESS TEMP.

SHELL: STEEL

FINISH:

SHELL: NICKEL

CONTACTS: FULL GOLD FLASH



±0.010 [±0.25]

# 682M9W4103LYYY

ROHS COMPLIANT

例

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DRAWN:

M. SIGMON

DATE:

05/03/2016

UNITS = INCHES [MM] DO NOT SCALE FROM DRAWING

NorComp

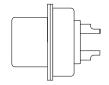
0.492 [12.50] ±0.010 [±0.25]

SCALE: SHEET OF REV 1 SHOWG NO: 682M9W4103L001

- 1 = Gold Flash

### NOTE:

- COAXIAL CONTACTS SUPPLIED NOT PRE-LOADED
- PLEASE SEE NORCOMP 682M SERIES WEBSITE PRODUCT PAGE FOR ASSEMBLY INSTRUCTION PDF AND INDIVIDUAL CONTACT DRAWING PDFS



SIGNAL CONTACTS
ACCEPTS UP TO 20 AWG WIRE

50 OHM COAXIAL CONTACT\*

ACCEPTS 50 OHM COAX, RG316/RG174

\*75 OHM (CONTACT NORCOMP)

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DATE:

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SCALE: SHEET NTS

IEET OF

= REV 1

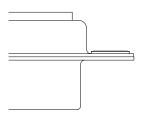
DWG NO: 682M9W4103L001

## TOLERANCE:

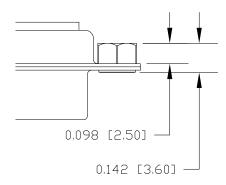
ALL DIMENSIONS ARE ±0.010

### ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

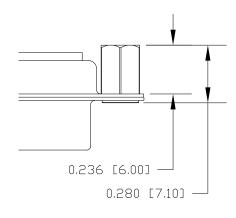
0 ..... NO HARDWARE



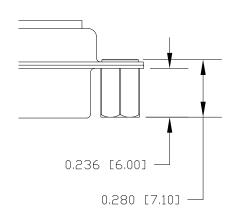
1 ..... 0.098" PCB SIDE



2 ..... 0.236" PCB SIDE



3 ..... 0.236" MATING SIDE



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DRAWN:

M. SIGMON

DATE:

05/03/2016

UNITS = INCHES [MM] DO NOT SCALE FROM DRAWING



DWG NO:	_ 682M	av	V <i>A</i> 1	บู่ 	001	
NTS		3		3		1
SCALE:	SHEET		OF			REV

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3003W3PXX56N40X 3005W5PXX99E40X 3013W3SCM99A10X 3017W2SCT56N40X 3036W4PCM41A10X 3036W4SCM99A10X
FCE17-E2W2SS-2N0 212522-7 3003W3PXX43A10X 3005W5PXX88N40X 3008W8SXX57A30X 3009W4PCT57P20X
3013W3PCM99A10X 3017W2SAR69C40X 302W2CPXX56N40X 321WA4PCM99A10X 321WA4PXK99A60X 321WA4SCT56N40X
3F3SSC22S41A30X L717TWA7W2PP2SY3R DBM-17W2S-1A8N-A190-A197-1 DBM21W1P 421WA4PCR50E20X 09691100022500
09693009176 09692009147 790-061SH-36W2NMNA 790-025SH-36W2NMT 790-023PH-36W2MBY 790-021SH-10P4EM
DAA11W1SA197F0 790-016PE-7P3MY 790-024PK-9P9ML 790-063PH-36W2MNA DAM3WK3S L77SDAH15SOL2RM5S12
3017W2SAM99A30X 303W3CSXX62A10X LCC17A3W3PM2N1 3003W3PXX88S90A 1731070470 CBD17W2M37S600S/AA
09692009224