

DESCRIPTION: MALE // SOLDER CUP // MACHINED

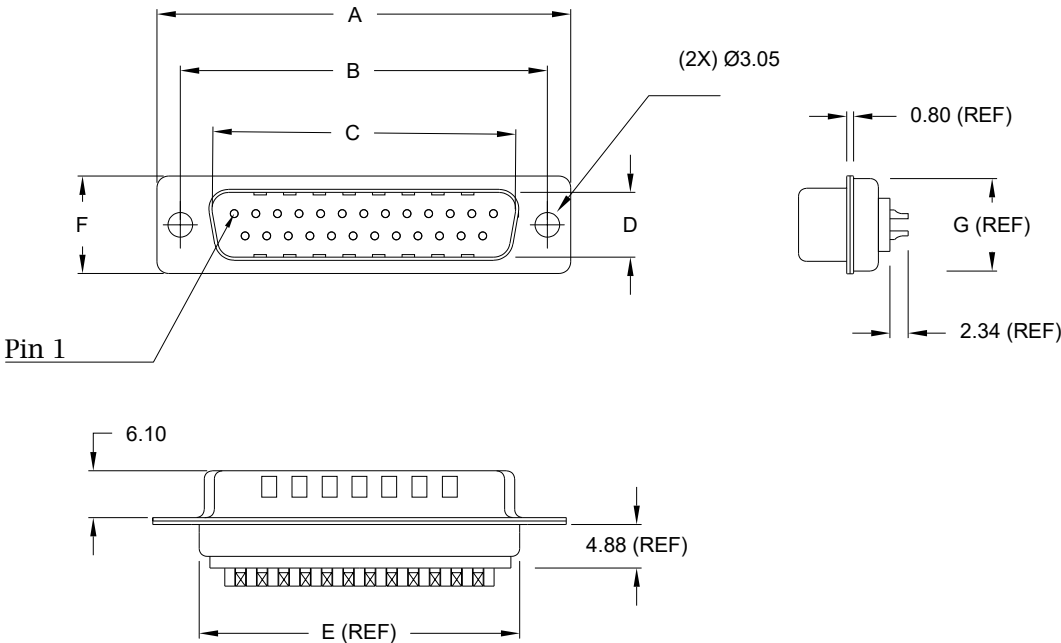
SPECIFICATIONS:

MATERIALS:
SHELL: NICKEL PLATED STEEL
INSULATOR: PA6T, UL94 V-0
PROCESS TEMP: 260°C
CONTACTS: GOLD PLATED BRASS

ELECTRICAL:
RATED CURRENT: 5A
VOLTAGE: 500VAC FOR 1 MINUTE
INSULATION RESISTANCE: 1000 MOhms MIN.
CONTACT RESISTANCE: 15 mOhms MAX.

ENVIRONMENT:
OPERATING TEMPERATURE: -50°C TO +100°C

DIMENSIONS(mm)							
SIZE	A±.36	B±.10	C±.15	D±.15	E±.38	F±.25	G (REF)
9	30.80	24.99	17.00	8.40	19.20	12.60	10.75
15	39.15	33.32	25.30	8.40	27.70	12.60	10.75
25	53.04	47.04	39.00	8.40	41.10	12.60	10.75
37	69.32	63.50	55.40	8.40	57.30	12.60	10.75
50	66.93	61.11	52.80	11.10	55.10	15.20	13.30



WILL ACCEPT 26-20 AWG WIRE

172-YYY-103RYY1

SERIES _____
POSITIONS _____
009
015
025
037
050
GENDER _____
1 = MALE
TERMINATION _____
0 = SOLDER CUP
SHELL PLATING _____
3 = NICKEL (GROUND INDENTS)
HARDWARE OPTIONS _____
00 = NO HARDWARE
01 = .098" CLINCH NUT (SOLDER SIDE)
02 = .236" CLINCH NUT (SOLDER SIDE)
03 = .236" CLINCH NUT (MATING SIDE)
05 = .237" 4-40 BOARD LOCK
91 = .237" 4-40 SPACER/ BOARD LOCK
PLATING OPTIONS _____
1 = GOLD FLASH
2 = 30MICRO-INCH GOLD

RoHS COMPLIANT



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DRAWN:
P. JENKINS

DATE:
08/24/1998

UNITS = mm

DO NOT SCALE FROM DRAWING

NorComp

SCALE:
NTS

SHEET 1 OF 2

REV
16

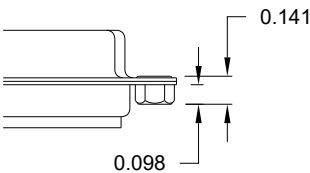
DWG NO.

172-YYY-103RYY1

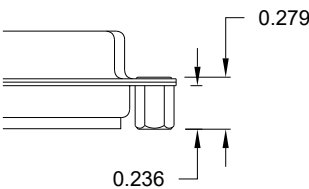
TOLERANCE:
ALL DIMENSIONS ARE ± 0.010
UNLESS OTHERWISE
SPECIFIED

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

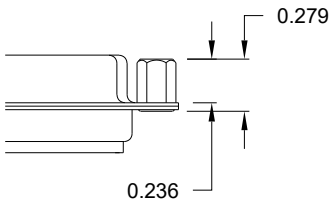
"01" // PCB SIDE



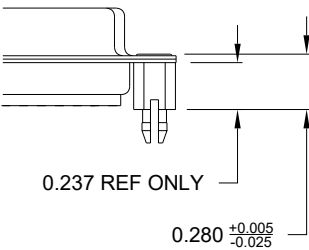
"02" // PCB SIDE



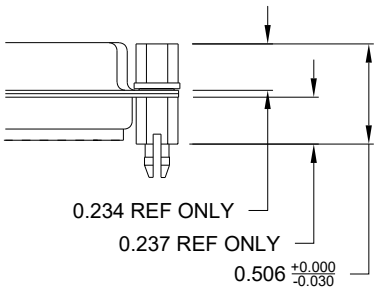
"03" // MATING SIDE



"05" // PCB SIDE



"91" // PCB SIDE



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

50 in-oz
Max Torque

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SCALE:
NTS

SHEET OF
2 2

REV
16

DWG NO.

172-YYY-103RYY1

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<u>172-015-103R021</u>	<u>172-015-103R031</u>	<u>172-025-103R001</u>	<u>172-025-103R011</u>	<u>172-025-103R021</u>	<u>172-025-103R031</u>
<u>172-037-103R001</u>	<u>172-037-103R011</u>	<u>172-037-103R021</u>	<u>172-037-103R031</u>		