

**SPECIFICATIONS:**

**MATERIALS:**

SHELL: NICKEL OR TIN PLATED STEEL  
 INSULATOR: PBT +30% GF, UL 94V-0, BLACK  
 CONTACTS: COPPER ALLOY, GOLD PLATED

**ELECTRICALS:**

CURRENT RATING: 5 AMPS  
 CONTACT RESISTANCE: 15 mOHMS MAX  
 INSULATOR RESISTANCE: 1000 MOHMS MIN  
 VOLTAGE: 500V AC FOR 1 MINUTE  
 WORKING VOLTAGE: 250 VAC  
 TEMPERATURE: -50°C TO +100°C

**171-YYY-10YLYY1**

SERIES \_\_\_\_\_  
 POSITIONS \_\_\_\_\_  
 009 \_\_\_\_\_  
 015 \_\_\_\_\_  
 025 \_\_\_\_\_  
 037 \_\_\_\_\_  
 050 \_\_\_\_\_  
 GENDER \_\_\_\_\_  
 1 = MALE  
 TERMINATION \_\_\_\_\_  
 0 = SOLDER CUP  
 SHELL PLATING \_\_\_\_\_  
 2 = TIN (NOT AVAILABLE FOR HW OPTIONS)  
 3 = NICKEL (GROUND INDENTS)  
 HARDWARE OPTIONS \_\_\_\_\_  
 00 = NO HARDWARE  
 01 = .098" 4-40 CN (SOLDER SIDE)  
 02 = .236" 4-40 CN (SOLDER SIDE)  
 03 = .236" 4-40 CN (MATING SIDE)  
 05 = .237" 4-40 BOARD LOCK (.063" PCB)  
 91 = .237" 4-40 JACK SCREW / BOARD LOCK (.063" PCB)  
 PLATING OPTIONS \_\_\_\_\_  
 1 = GOLD FLASH  
 2 = 30u" GOLD MATING AREA // GF TAILS

DIMENSIONS (in/mm)						
POS.	A	B	C	D	E	F
9	1.213	0.984	0.666	0.756	0.329	0.496
	30.80	24.99	16.92	19.20	8.36	12.60
15	1.541	1.312	0.994	1.091	0.329	0.496
	39.15	33.32	25.25	27.70	8.36	12.60
25	2.087	1.853	1.534	1.618	0.329	0.496
	53.00	47.04	38.96	41.10	8.36	12.60
37	2.728	2.500	2.181	2.256	0.329	0.496
	69.30	63.50	55.42	57.30	8.36	12.60
50	2.638	2.406	2.079	2.169	0.436	0.602
	67.00	61.00	52.80	55.10	11.07	15.30

**WILL ACCEPT 28-20 AWG CONDUCTORS**

UNITS = INCHES [MM] DO NOT SCALE FROM DRAWING

**RoHS COMPLIANT**



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DRAWN:

J. KADEL

DATE:

07/24/2018

**NorComp**

SCALE:  
NTS

SHEET 1 OF 2

REV 15

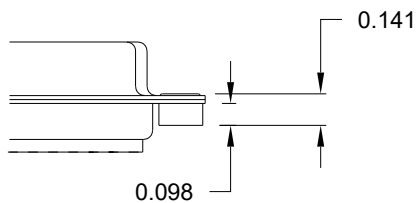
DWG NO.

**171-YYY-10YLYY1**

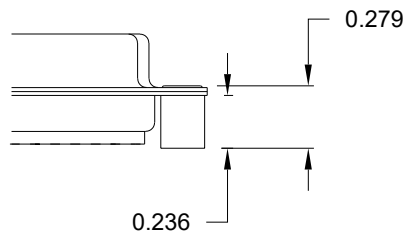
**TOLERANCE:**  
ALL DIMENSIONS ARE  $\pm 0.010$

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

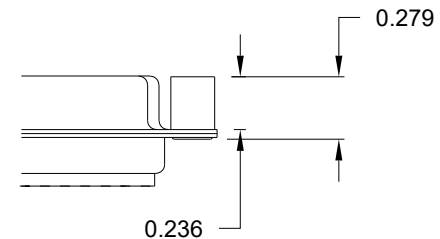
01X ..... 0.098" (SOLDER SIDE)



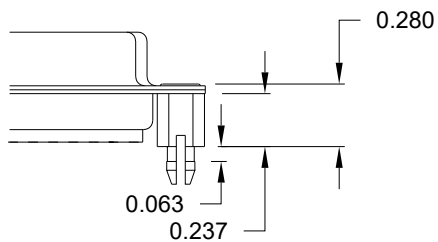
02X ..... 0.236" (SOLDER SIDE)



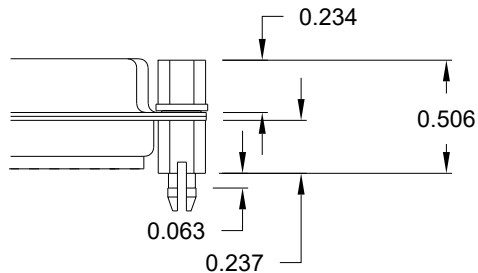
03X..... 0.236" (MATING SIDE)



05X ..... 0.237" (SOLDER SIDE)



91X ..... 0.237" (SOLDER SIDE)



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

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SCALE:

NTS

SHEET

OF

2

2

REV

15

DWG NO.

171-YYY-10YLYY1