

DESCRIPTION: FEMALE SOLDER CUP/STAMPED

SPECIFICATIONS:

MATERIALS:

SHELL: STEEL, TIN OR NICKEL PLATED

INSULATOR: UL 94V-0 RATED BLACK PBT
+30% FIBER-GLASS OR NYLON-66

RoHS COMPLIANT

ELECTRICALS:

CURRENT RATING: 5 AMPS

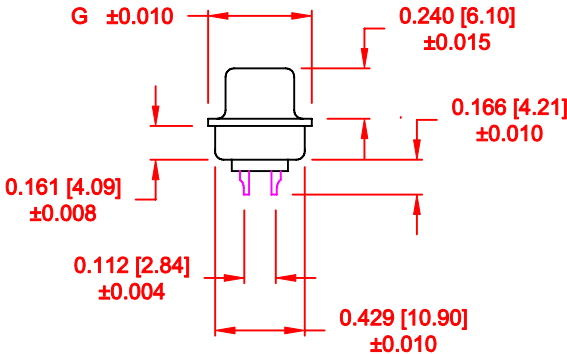
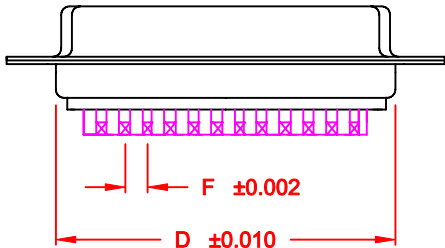
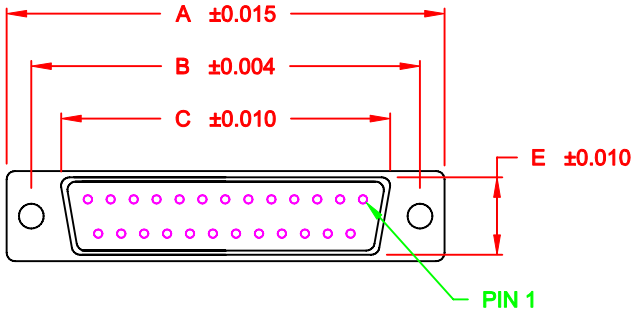
CONTACT RESISTANCE: 15 mOHMS MAX

INSULTOR RESISTANCE: 1000 MOHMS MIN

VOLTAGE: 500V AC FOR 1 MINUTE

TEMPERATURE: -50°C TO +100°C

POS.	A	B	C	D	E	F	G
09	1.213	0.984	0.642	0.756	0.311	0.109	0.496
	30.80	24.99	16.30	19.20	7.90	2.77	12.60
15	1.541	1.312	0.971	1.091	0.311	0.109	0.496
	39.14	33.32	24.65	27.70	7.90	2.77	12.60
25	2.087	1.852	1.512	1.618	0.311	0.109	0.496
	53.00	47.04	38.40	41.10	7.90	2.77	12.60
37	2.728	2.500	2.157	2.256	0.311	0.109	0.496
	69.29	63.50	54.80	57.30	7.90	2.77	12.60
50	2.638	2.406	2.055	2.169	0.429	0.109	0.602
	67.00	61.00	52.20	55.10	10.90	2.77	15.30



171-YYY-20YLYY1

SERIES

POSITIONS

009

015

025

037

050

GENDER

1 = MALE

2 = FEMALE

TERMINATION

0 = SOLDER CUP

SHELL PLATING

2 = TIN

3 = NICKEL

HARDWARE OPTIONS

00 = NO HARDWARE

01 = .098 4-40 CLINCH NUT BOARD SIDE

02 = .236 4-40 CLINCH NUT BOARD SIDE

03 = .236 4-40 CLINCH NUT MATING SIDE

05 = .237 4-40 BOARD LOCK

91 = .237 4-40 SPACER/BOARD LOCK

PLATING OPTIONS

1 = GOLD FLASH

2 = 30 MICRO-INCH GOLD

WILL ACCEPT 28-20 AWG CONDUCTORS

RoHS COMPLIANT

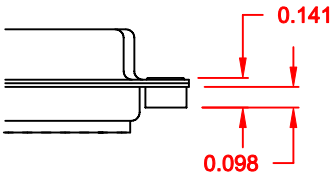
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			CHECKED:		DATE:			
			SCALE:		SHEET 1 OF 2			
			DWG NO. 171-YYY-20YLYY1		REV 6			

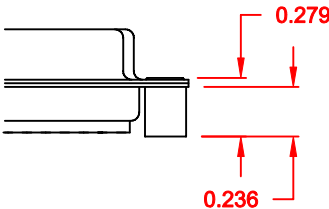
TOLERANCE:
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

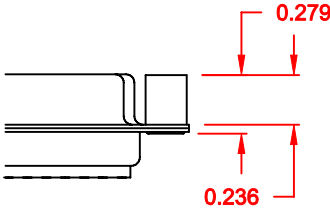
01X 0.098" (BOARD SIDE) - CN1



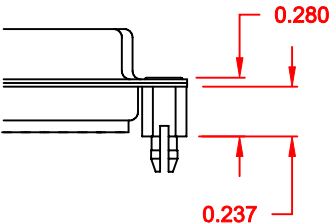
02X 0.236" (BOARD SIDE) - CN2



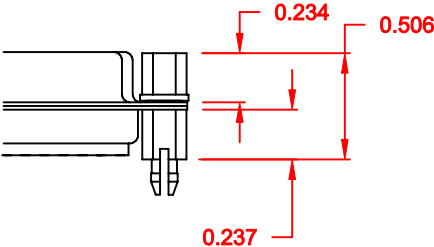
03X..... 0.236" (MATING SIDE) - CN8



05X 0.237" (BOARD SIDE) - CN10



91X 0.237" BOARD SIDE
0.197 MATING SIDE
CN10/SFSO4404



NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

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		CHECKED:		DATE:	
	SCALE:		SHEET 2 OF 2		REV 6
	DWG NO. 171-YYY-20YLYY1				

Mouser Electronics

Authorized Distributor

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