A DIVISION OF EDAC (AMERICA) LIMITED
3810 Shutterfly Road, Ste. 200, Charlotte, NC 28217 // Office: (704) 424-5448 // www.norcomp.net

(Product Change Notification)

Friday, May 28, 2021 PCN# 041421

To Whom It May Concern:

In efforts to improve our quality and match industry standards NorComp has upgraded the 172 Series D-SUB High Profile connector line. All associated part numbers are listed on the subsequent page.

Form, Fit, and Function will remain unchanged for all part numbers. Attached to this correspondence are revision 18 & 19 drawings showing the slight dimensional changes; NorComp does not anticipate these changes to cause any issues within our customer's applications. If you have any technical questions, please reach out to eng@norcomp.net.

This will be a rolling change as our stock from the previous design is consumed.

You are receiving this notification as our records show that you have purchased some of these products in the last 5 years. We appreciate your understanding as we strive to offer you the most current information regarding our product.

Please confirm receipt & acceptance of product change notification by responding to this email. If you have any questions or concerns, please feel free to contact us at sales@norcomp.net.

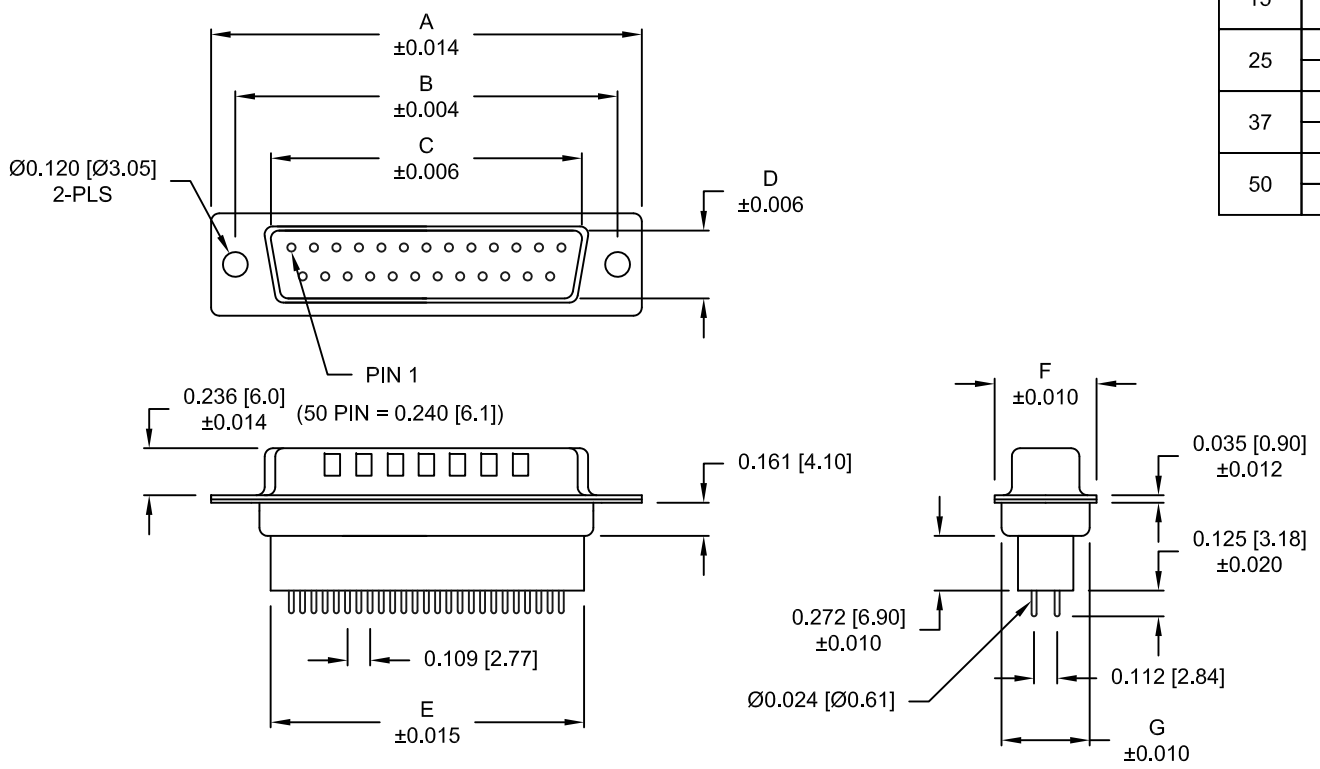
Regards,

Joshua Kadel
Engineer & Quality Manager

- 172-009-183L001
- 172-009-183L011
- 172-009-183L021
- 172-009-183L031
- 172-015-183L001
- 172-015-183L011
- 172-015-183L021
- 172-015-183L031
- 172-025-183L001
- 172-025-183L011
- 172-025-183L021
- 172-025-183L031
- 172-037-183L001
- 172-037-183L011
- 172-037-183L021
- 172-037-183L031
- 172-050-183L001
- 172-050-183L011
- 172-050-183L021
- 172-050-183L031
- 172-009-283L001
- 172-009-283L011
- 172-009-283L021
- 172-009-283L031
- 172-015-283L001
- 172-015-283L011
- 172-015-283L021
- 172-015-283L031
- 172-025-283L001
- 172-025-283L011
- 172-025-283L021
- 172-025-283L031
- 172-037-283L001
- 172-037-283L011
- 172-037-283L021
- 172-037-283L031
- 172-050-283L001
- 172-050-283L011
- 172-050-283L021
- 172-050-283L031

DESCRIPTION: MALE - DIP SOLDER - HIGH PROFILE

No. OF PINS	DIMENSIONS						
	A	B	C	D	E	F	G
9	1.213	0.984	0.666	0.329	0.618	0.496	0.429
	30.80	24.99	16.92	8.36	15.70	12.60	10.90
15	1.541	1.312	0.994	0.329	0.933	0.496	0.429
	39.15	33.32	25.25	8.36	23.70	12.60	10.90
25	2.087	1.852	1.534	0.329	1.496	0.496	0.429
	53.00	47.04	38.96	8.36	38.00	12.60	10.90
37	2.728	2.500	2.182	0.329	2.142	0.496	0.429
	69.30	63.50	55.42	8.36	54.40	12.60	10.90
50	2.638	2.402	2.079	0.436	2.039	0.602	0.535
	67.00	61.00	52.80	11.07	51.80	15.30	13.60



172-YYY-18YLYY1

SERIES

POSITIONS
- 009
- 015
- 025
- 037
- 050

GENDER
- 1 = MALE

TERMINATION
- 8 = HIGH PROFILE VERTICAL

SHELL PLATING
- 3 = NICKEL (GROUND INDENTS)

RoHS COMPLIANT

HARDWARE OPTIONS
- 00 = NO HARDWARE
- 01 = .098" CLINCH NUT (BOARD SIDE)
- 02 = .236" CLINCH NUT (BOARD SIDE)
- 03 = .236" CLINCH NUT (MATING SIDE)

PLATING OPTIONS
- 1 = GOLD FLASH
- 2 = 30u" GOLD

MATERIAL:

SHELL:	STEEL, NICKEL PLATED
INSULATOR:	UL 94V-O RATED, PBT-BLACK
PROCESS TEMP:	230°C
CONTACTS:	BRASS - GOLD PLATED

ELECTRICAL:

CURRENT RATING:	5 AMPS
CONTACT RESISTANCE:	15 mOhms Max.
INSULATION RESISTANCE:	1,000 MOhms min.
VOLTAGE:	250VAC RMS
TEMPERATURE:	-50° C TO 100° C

RoHS COMPLIANT

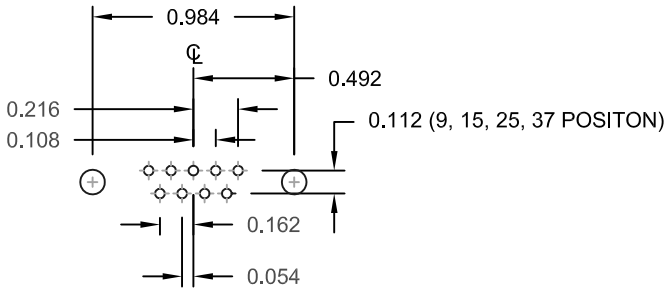
DO NOT SCALE FROM DRAWING

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OF SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

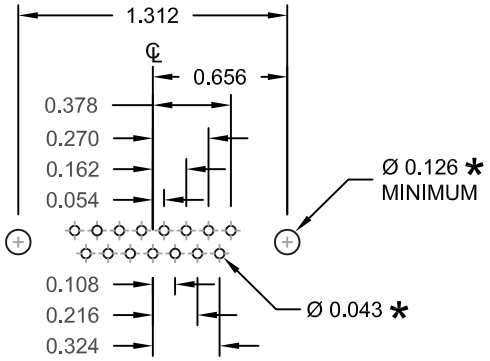
NorComp

DRAWN: WAYNE ROBBINS	DATE: 08-23-98	
SCALE: NTS	SHEET 1 OF 3	REV 18
DWG NO. 172-YYY-18YLYY1		

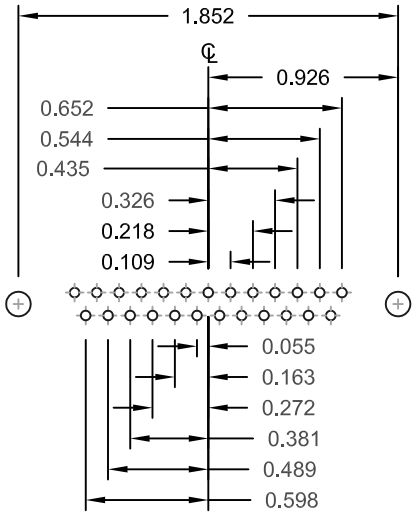
DESCRIPTION: PCB LAYOUT - STANDARD "D" - MALE & FEMALE



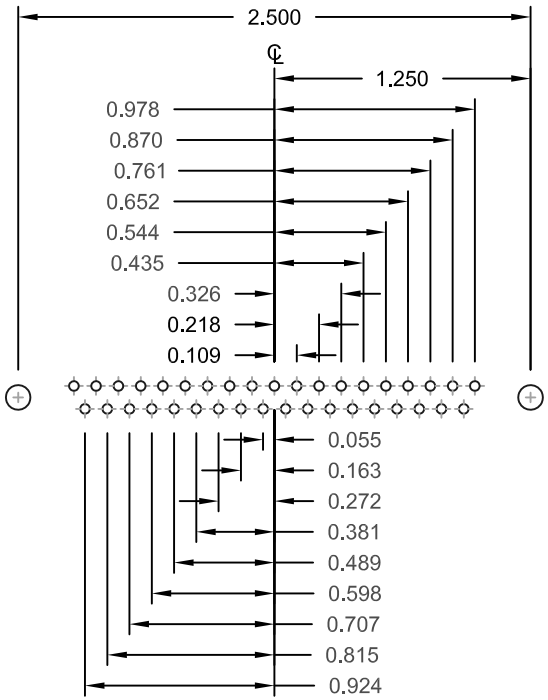
9 POSITION



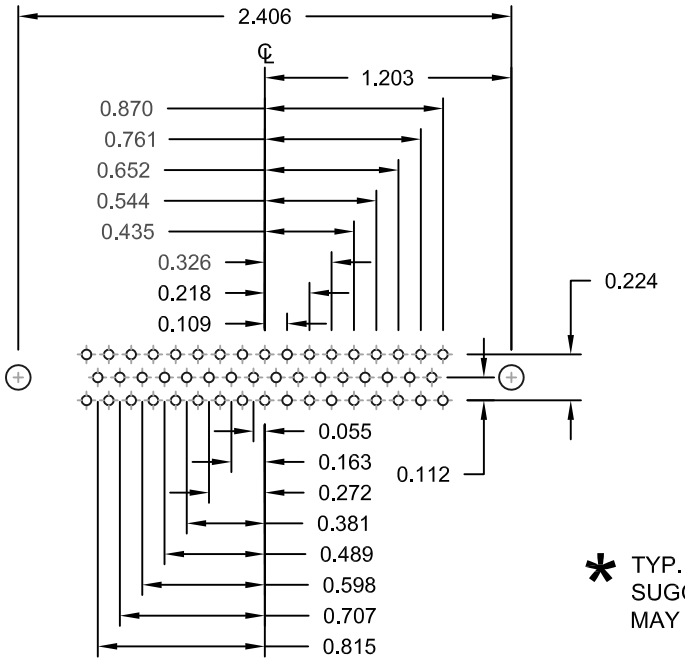
15 POSITION



25 POSITION



37 POSITION



50 POSITION

UNITS = inch

* TYP.
SUGGESTED SIZE
MAY NOT BE SUITABLE FOR ALL APPLICATIONS

DO NOT SCALE FROM DRAWING

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DRAWN: WAYNE ROBBINS	DATE: 08-23-98
SCALE: NTS	SHEET 2 OF 3
REV 18	
DWG NO. 172-YYY-18YLYY1	

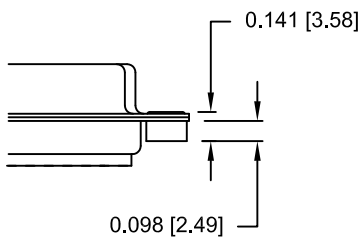
NorComp

DESCRIPTION: CLINCH NUT HARDWARE

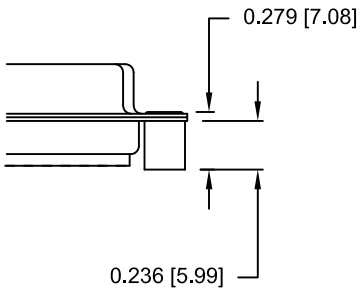
TOLERANCE:
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

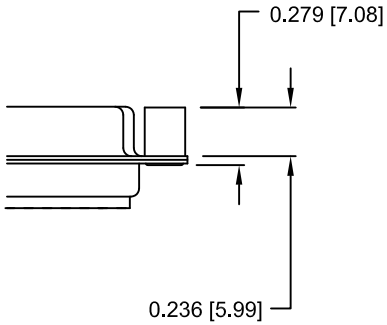
01X ..... 0.098" (BOARD SIDE)



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



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



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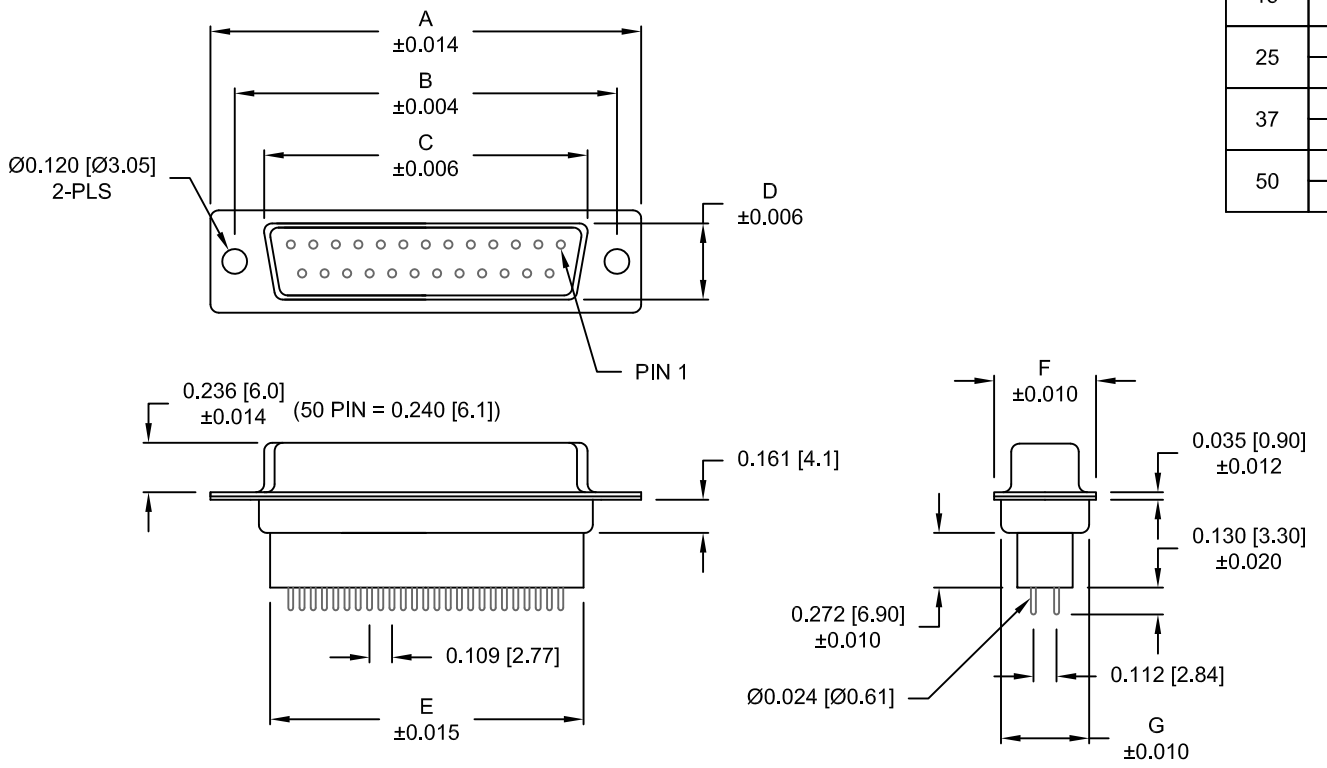
DRAWN: WAYNE ROBBINS		DATE: 08-23-98	
SCALE: NTS	SHEET 3 OF 3		REV 18
DWG NO. 172-YYY-18YLYY1			

NorComp

RoHS COMPLIANT

DESCRIPTION: FEMALE - DIP SOLDER - HIGH PROFILE

No. OF PINS	DIMENSIONS						
	A	B	C	D	E	F	G
9	1.213	0.984	0.642	0.311	0.618	0.496	0.429
	30.80	24.99	16.30	7.90	15.70	12.60	10.90
15	1.541	1.312	0.970	0.311	0.933	0.496	0.429
	39.15	33.32	24.65	7.90	23.70	12.60	10.90
25	2.087	1.852	1.512	0.311	1.496	0.496	0.429
	53.00	47.04	38.40	7.90	38.00	12.60	10.90
37	2.728	2.500	2.157	0.311	2.142	0.496	0.429
	69.30	63.50	54.80	7.90	54.40	12.60	10.90
50	2.638	2.402	2.055	0.429	2.039	0.602	0.535
	67.00	61.00	52.20	10.90	51.80	15.30	13.60



172-YYY-28YLYY1

- SERIES
- POSITIONS
  - 009
  - 015
  - 025
  - 037
  - 050
- GENDER
  - 2 = FEMALE
- TERMINATION
  - 8 = HIGH PROFILE VERTICAL
- SHELL PLATING
  - 3 = NICKEL
- RoHS COMPLIANT
- HARDWARE OPTIONS
  - 00 = NO HARDWARE
  - 01 = .098" CLINCH NUT (BOARD SIDE)
  - 02 = .236" CLINCH NUT (BOARD SIDE)
  - 03 = .236" CLINCH NUT (MATING SIDE)
- PLATING OPTIONS
  - 1 = GOLD FLASH
  - 2 = 30u" GOLD

MATERIAL:

SHELL:	STEEL, NICKEL PLATED
INSULATOR:	UL 94V-O RATED, PBT-BLACK
PROCESS TEMP.:	230°C
CONTACTS:	BRASS - GOLD PLATED

ELECTRICAL:

CURRENT RATING:	5 AMPS
CONTACT RESISTANCE:	15 mOhms Max.
INSULATION RESISTANCE:	1,000 MOhms min.
VOLTAGE:	250VAC RMS
TEMPERATURE:	-50° C TO 100° C

RoHS COMPLIANT

DO NOT SCALE FROM DRAWING

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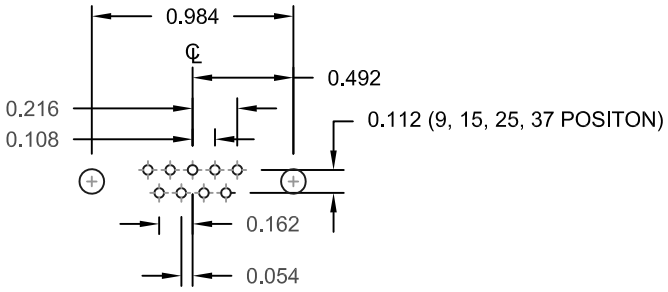
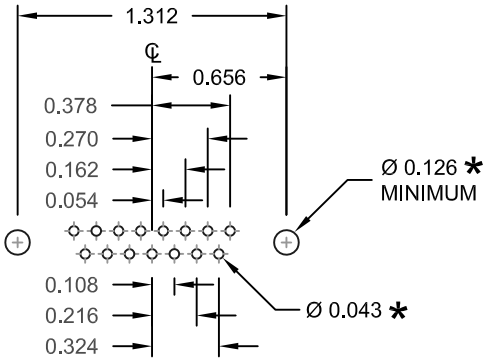
NorComp

DRAWN: WAYNE ROBBINS	DATE: 08-23-98	
SCALE: NTS	SHEET 1 OF 3	REV 18
DWG NO. 172-YYY-28YLYY1		

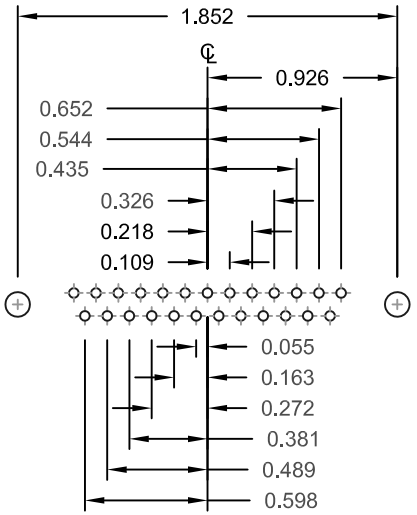
DESCRIPTION: PCB LAYOUT - STANDARD "D" - MALE & FEMALE



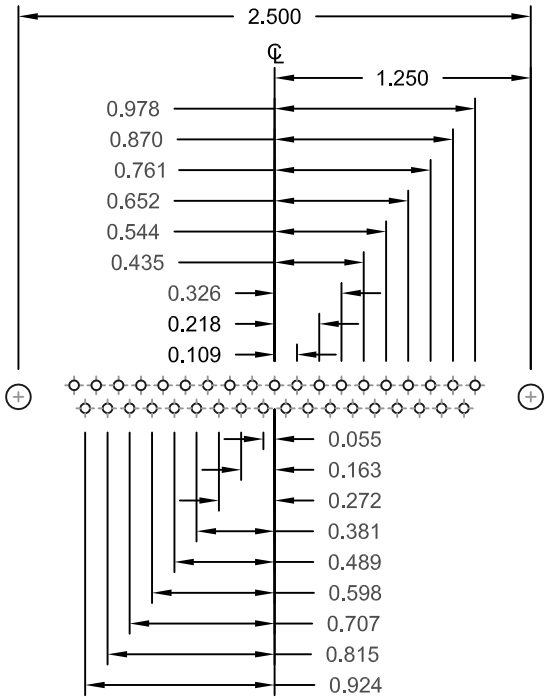
9 POSITION



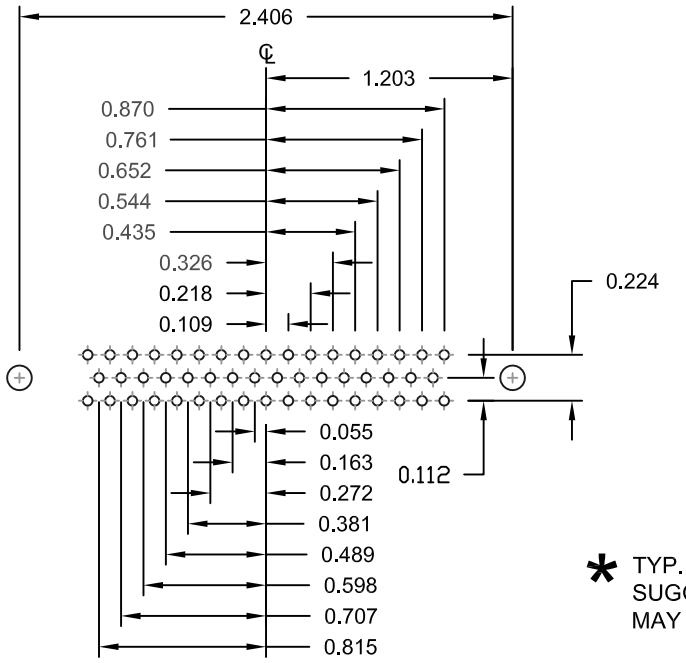
15 POSITION



25 POSITION



37 POSITION



50 POSITION

UNITS = inch

* TYP.
SUGGESTED SIZE
MAY NOT BE SUITABLE FOR ALL APPLICATIONS

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NorComp

DRAWN:	DATE:
WAYNE ROBBINS	08-23-98

SCALE:	SHEET	OF	REV
NTS	2	3	18

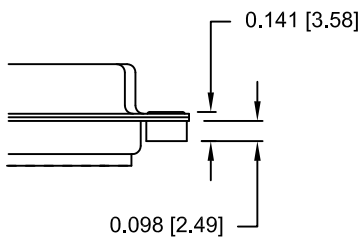
DWG NO. 172-YYY-28YLYY1

DESCRIPTION: CLINCH NUT HARDWARE

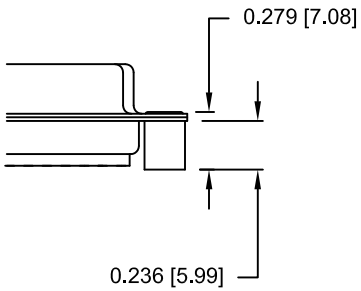
TOLERANCE:
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

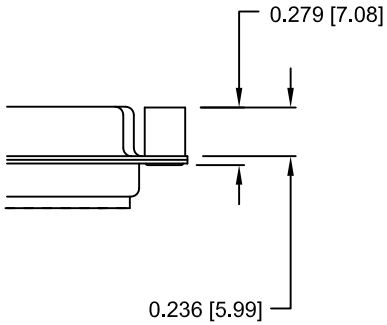
01X ..... 0.098" (BOARD SIDE)



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



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



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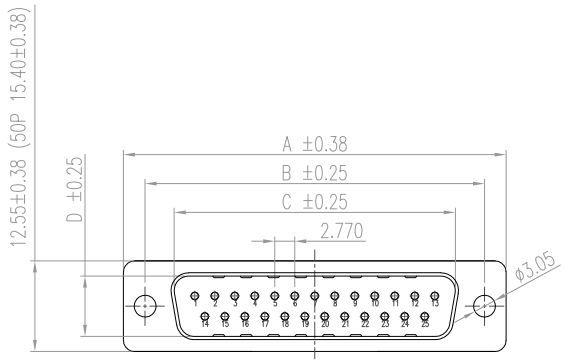
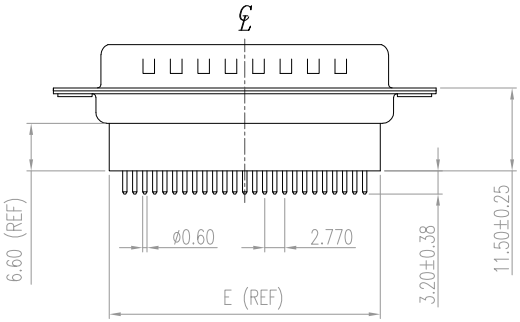
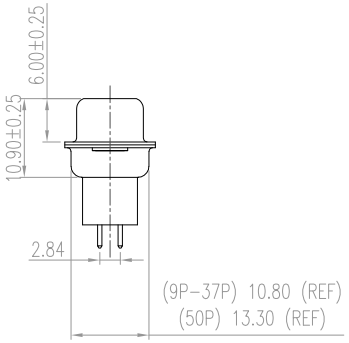
NorComp	DRAWN: WAYNE ROBBINS	DATE: 08-23-98	
	SCALE: NTS	SHEET 3 OF 3	REV 18
	DWG NO. 172-YYY-28YLYY1		

RoHS COMPLIANT

DESCRIPTION: MALE // DIP SOLDER // HIGH PROFILE







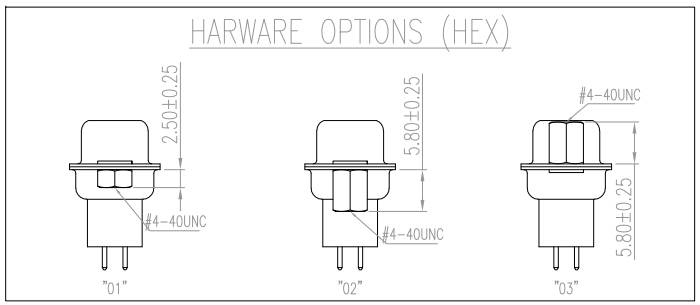
DIMENSIONS					
POSITIONS	A	B	C	D	E(REF)
9	30.81	24.99	16.92	8.36	15.50
15	39.19	33.32	25.25	8.36	23.93
25	53.04	47.04	38.96	8.36	37.56
37	69.32	63.50	55.42	8.36	54.01
50	67.00	61.10	52.80	11.26	51.80

MATERIAL:

SHELL:	STEEL, NICKEL PLATED
INSULATOR:	UL 94V-O RATED, PBT-BLACK
PROCESS TEMP:	230°C
CONTACTS:	BRASS - GOLD PLATED
HARDWARE:	NICKEL PLATED BRASS

ELECTRICAL:

CURRENT RATING:	5 AMPS
CONTACT RESISTANCE:	10 mOhms Max.
INSULATION RESISTANCE:	5,000 MOhms min.
WORKING VOLTAGE:	250VAC RMS
OPERATING TEMPERATURE:	-55°C TO 100°C



172-YYY-18YLYY1

SERIES

POSITIONS
- 009
- 015
- 025
- 037
- 050

GENDER
- 1 = MALE

TERMINATION
- 8 = HIGH PROFILE VERTICAL

SHELL PLATING
- 3 = NICKEL (GROUND INDENTS)

RoHS COMPLIANT

HARDWARE OPTIONS
- 00 = NO HARDWARE
- 01 = 2.50mm CLINCH NUT (BOARD SIDE)
- 02 = 5.80mm CLINCH NUT (BOARD SIDE)
- 03 = 5.80mm CLINCH NUT (MATING SIDE)

PLATING OPTIONS
- 1 = GOLD FLASH

RoHS COMPLIANT

UNITS = mm

DO NOT SCALE FROM DRAWING

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DRAWN: W. ROBBINS

DATE: 08/23/1998

NorComp

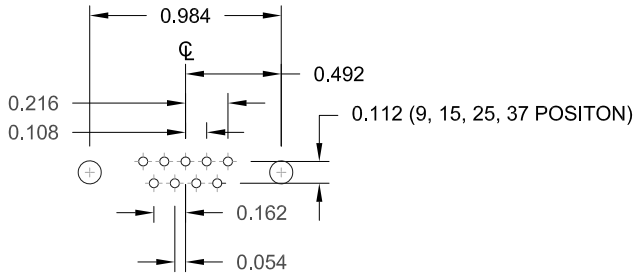
SCALE: NTS

SHEET 1 OF 2

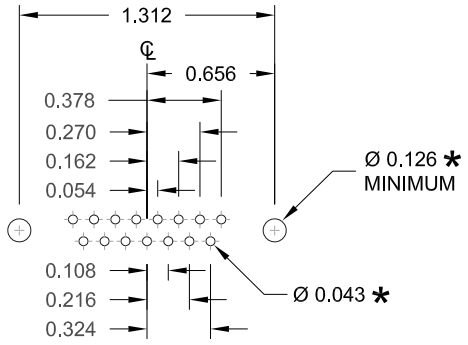
REV 19

DWG NO. 172-YYY-18YLYY1

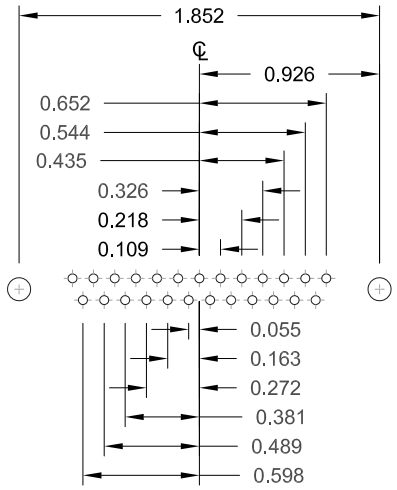
DESCRIPTION: MALE // DIP SOLDER // HIGH PROFILE



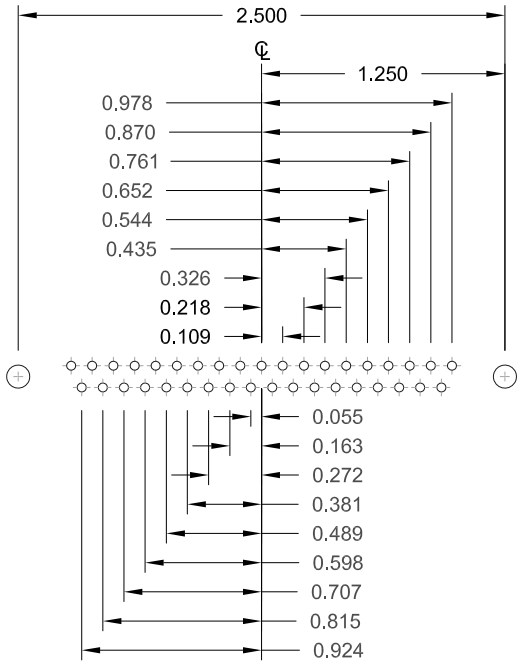
9 POSITION



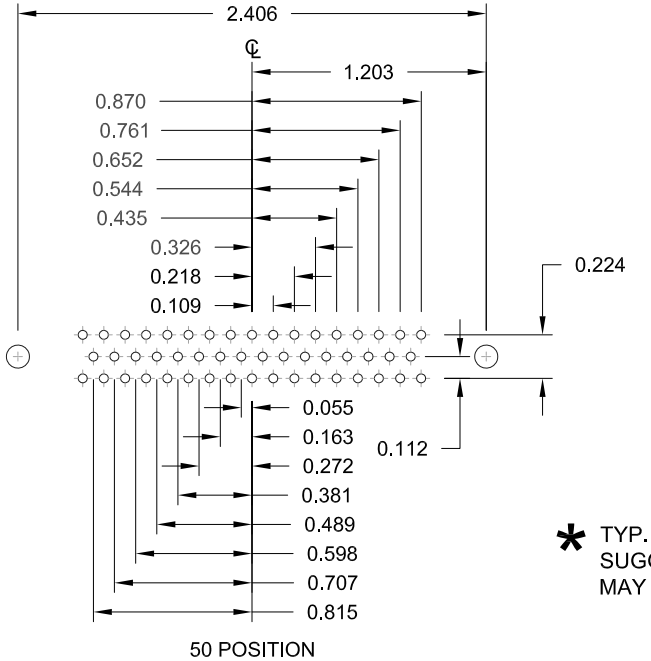
15 POSITION



25 POSITION



37 POSITION



50 POSITION

* TYP.
SUGGESTED SIZE
MAY NOT BE SUITABLE FOR ALL APPLICATIONS

RoHS COMPLIANT

UNITS = inch

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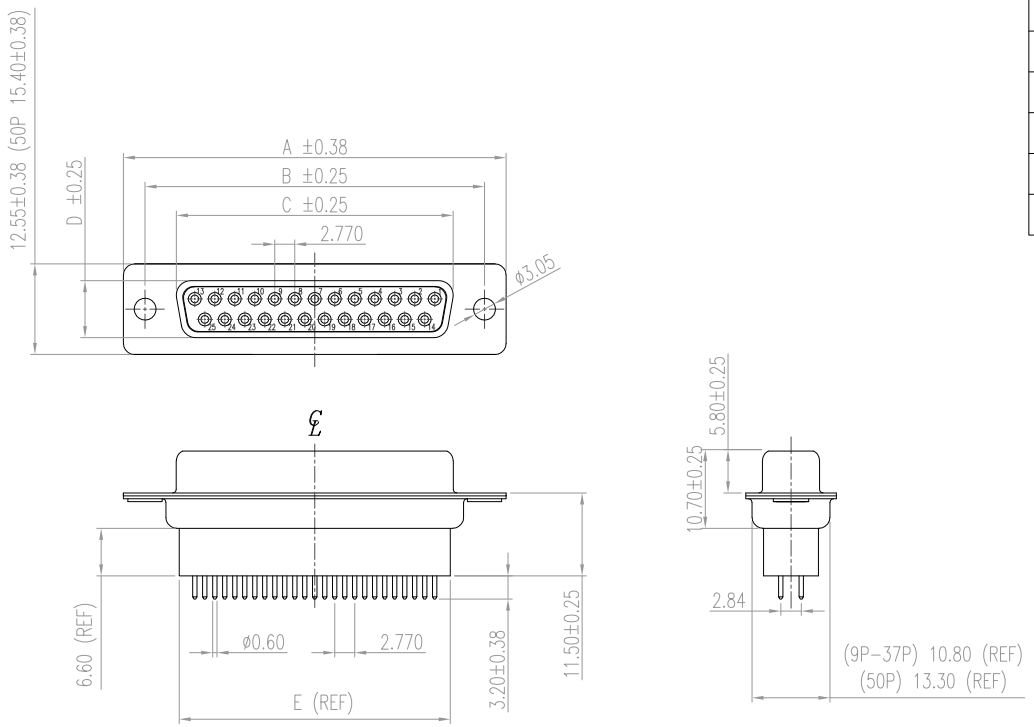
DRAWN:	W. ROBBINS
DATE:	08/23/1998

NorComp

SCALE: NTS	SHEET 2 OF 2	REV 19
DWG NO. 172-YYY-18YLYY1		

DESCRIPTION: FEMALE // DIP SOLDER // HIGH PROFILE



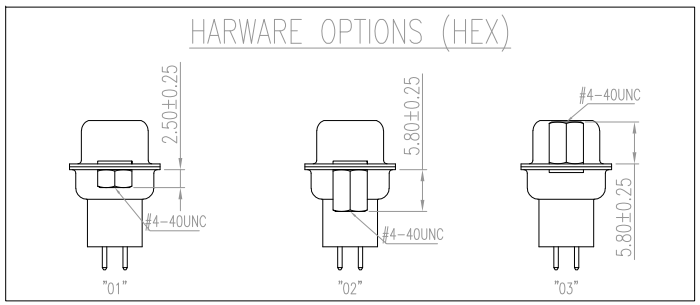
DIMENSIONS					
POSITIONS	A	B	C	D	E(REF)
9	30.81	24.99	16.33	7.90	15.50
15	39.19	33.32	24.66	7.90	23.93
25	53.04	47.04	38.38	7.90	37.56
37	69.32	63.50	54.84	7.90	54.01
50	67.00	61.10	52.20	10.90	51.80

MATERIAL:

SHELL:	STEEL, NICKEL PLATED
INSULATOR:	UL 94V-O RATED, PBT-BLACK
PROCESS TEMP:	230°C
CONTACTS:	BRASS - GOLD PLATED
HARDWARE:	NICKEL PLATED BRASS

ELECTRICAL:

CURRENT RATING:	5 AMPS
CONTACT RESISTANCE:	10 mOhms Max.
INSULATION RESISTANCE:	5,000 MOhms min.
WORKING VOLTAGE:	250VAC RMS
OPERATING TEMPERATURE:	-55°C TO 100°C



172-YYY-28YLYY1

SERIES

POSITIONS
- 009
- 015
- 025
- 037
- 050

GENDER
- 1 = FEMALE

TERMINATION
- 8 = HIGH PROFILE VERTICAL

SHELL PLATING
- 3 = NICKEL (GROUND INDENTS)

RoHS COMPLIANT

HARDWARE OPTIONS
- 00 = NO HARDWARE
- 01 = 2.50mm CLINCH NUT (BOARD SIDE)
- 02 = 5.80mm CLINCH NUT (BOARD SIDE)
- 03 = 5.80mm CLINCH NUT (MATING SIDE)

PLATING OPTIONS
- 1 = GOLD FLASH

RoHS COMPLIANT

UNITS = mm

DO NOT SCALE FROM DRAWING

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DRAWN: W. ROBBINS

DATE: 08/23/1998

NorComp

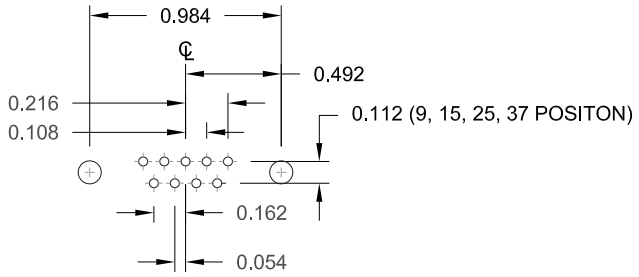
SCALE: NTS

SHEET 1 OF 2

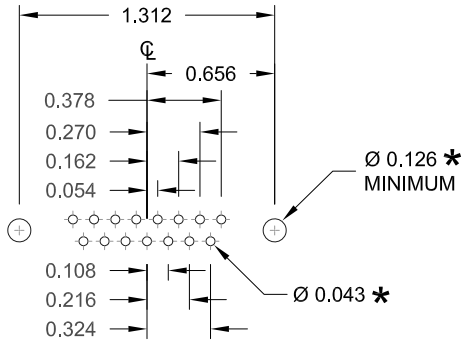
REV 19

DWG NO. 172-YYY-28YLYY1

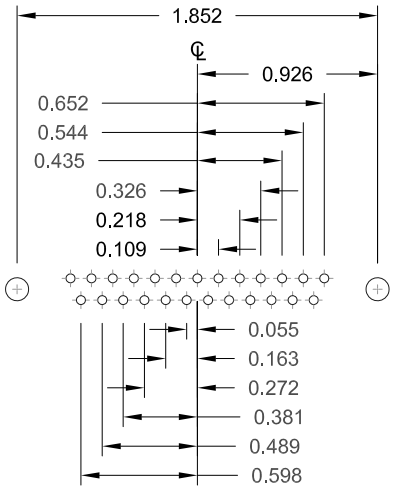
DESCRIPTION: FEMALE // DIP SOLDER // HIGH PROFILE



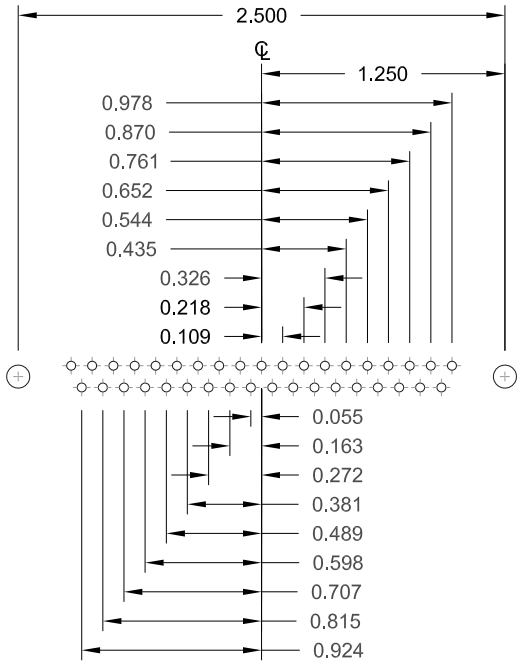
9 POSITION



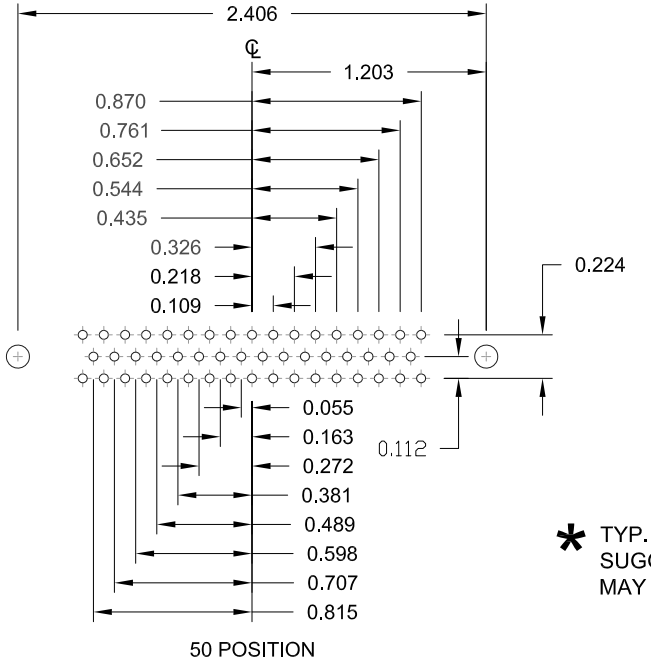
15 POSITION



25 POSITION



37 POSITION



50 POSITION

UNITS = inch

* TYP.
SUGGESTED SIZE
MAY NOT BE SUITABLE FOR ALL APPLICATIONS

RoHS COMPLIANT

UNITS = inch

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DRAWN:	DATE:
W. ROBBINS	08/23/1998

NorComp

SCALE:	SHEET	OF	REV
NTS	2	2	19

DWG NO. 172-YYY-28YLYY1