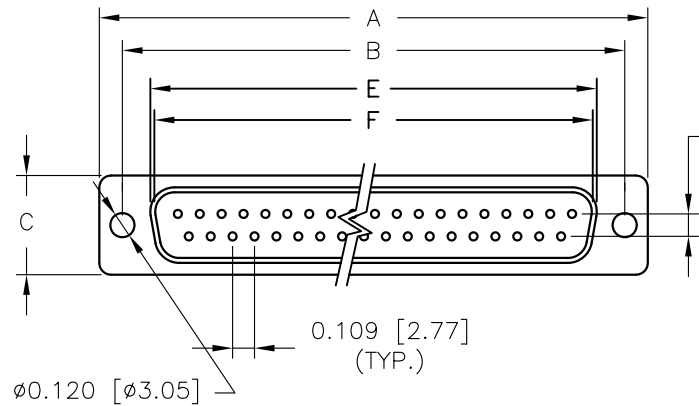
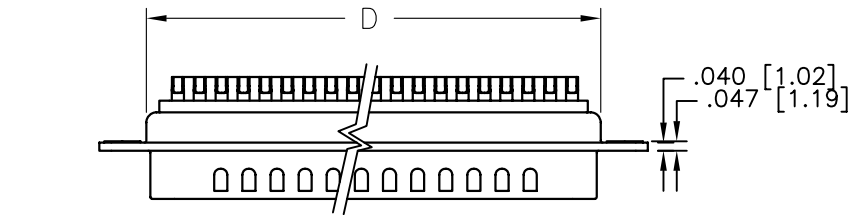
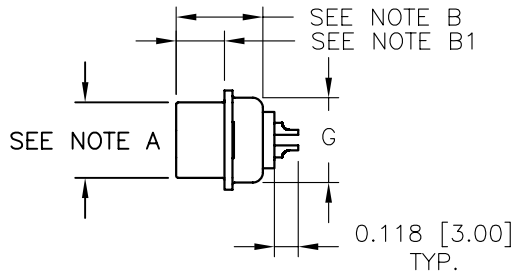
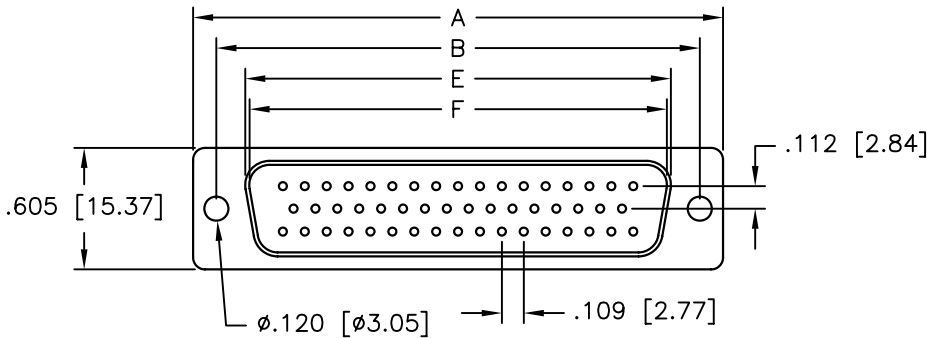
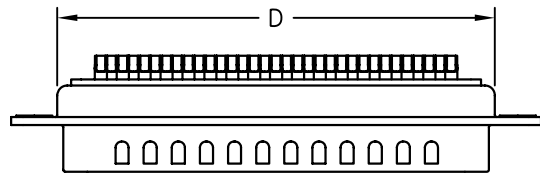




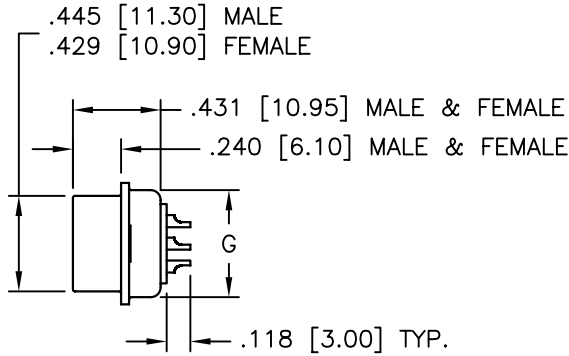
9 THROUGH 37 POSITION



NOTE A: 9, 15, 25 & 37 MALE: 0.327 [8.30]
9, 15, 25 & 37 FEMALE: 0.311 [7.90]
NOTE B: 9, 15, 25 & 37 MALE: 0.431 [10.95]
9, 15, 25 & 37 FEMALE: 0.423 [10.75]
NOTE B1: 9, 15, 25 & 37 MALE: 0.236 [5.99]
9, 15, 25 & 37 FEMALE: 0.236 [5.99]



50 POSITION

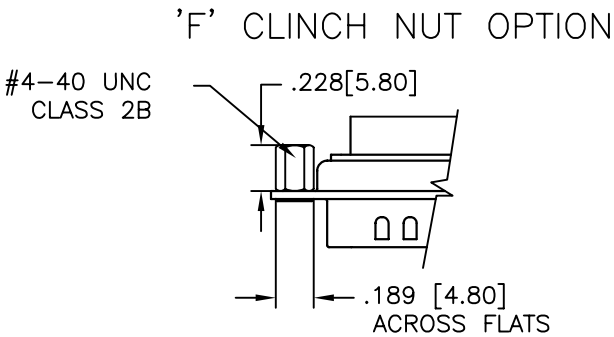
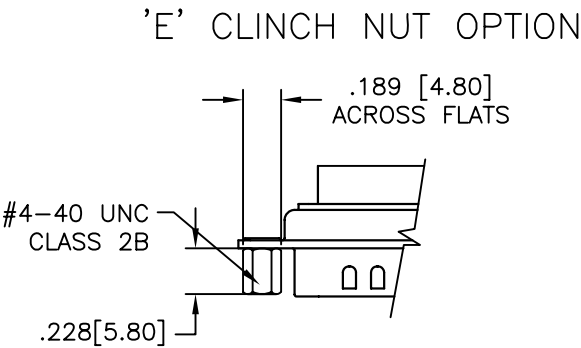
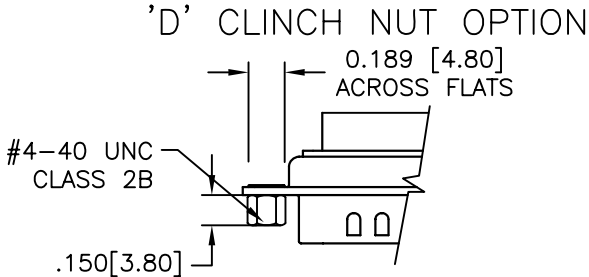
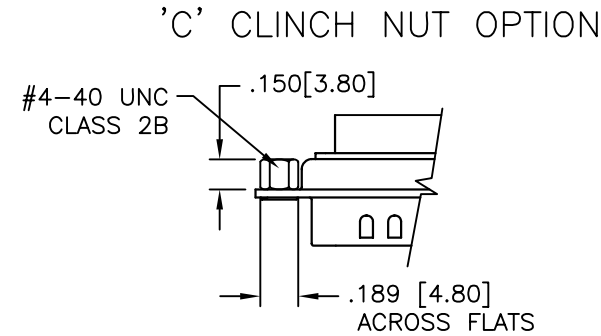


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

D SERIES CONNECTORS		DIMENSIONS							INCHES [MM]
No. of Contacts	Shell Size	A ±0.010 [±0.254]	B ±0.010 [±0.254]	C ±0.010 [±0.254]	D ±0.010 [±0.254]	E Max. Female ±0.010 [±0.254]	F Min. Male ±0.010 [±0.254]	G ±0.010 [±0.254]	
09	E	1.213 [30.81]	0.984 [24.99]	0.494 [12.55]	0.759 [19.28]	0.643 [16.33]	0.666 [16.92]	0.422 [10.72]	
15	A	1.541 [39.14]	1.310 [33.27]	0.494 [12.55]	1.089 [27.65]	0.971 [24.66]	0.994 [25.25]	0.422 [10.72]	
25	B	2.088 [53.04]	1.850 [46.99]	0.494 [12.55]	1.626 [41.30]	1.511 [38.38]	1.534 [38.96]	0.422 [10.72]	
37	C	2.730 [69.34]	2.500 [63.50]	0.494 [12.55]	2.261 [57.44]	2.159 [54.84]	2.182 [55.42]	0.422 [10.72]	
50	D	2.638 [67.00]	2.406 [61.11]	0.605 [15.37]	2.178 [55.32]	2.064 [52.43]	2.079 [52.81]	0.527 [13.40]	

UNLESS OTHERWISE SPECIFIED 1. ALL DIMENSIONS ARE IN INCHES (MM) 2. DIMENSIONS ARE TYPICAL		Northern Technologies THIS DRAWING IS THE PROPERTY OF NORTHERN TECHNOLOGIES AND SHOULD NOT BE REPRODUCED WITHOUT NORTHERN TECHNOLOGIES WRITTEN PERMISSION.			
		PART NUMBER SEE ORDER INFORMATION DESCRIPTION DE SERIES CONNECTORS			
DRAWN JSD	13-OCT-05	SIZE B	CODE 200_155	DWG NO. 0002-200-155	REV
CHECKED SCN	13-OCT-05	SCALE 1:1			SHEET 1 OF 2
ISSUED	13-OCT-05				

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	ECN 0594	08-MAY-06	
	B	ECN 0619	25-AUG-06	
	C	ECN 0639	05-DEC-07	
	D	ECN 0654	16-MAY-08	



FACTORY DESIGNATOR
LEAVE BLANK ()

SERIES

RoHS

NO. OF CONTACTS

P: MALE

S: FEMALE

ORDER INFORMATION

() D E 25 P TE S C S30

[CONTACT PLATING]

EMPTY: GOLD FLASH OVER NICKEL – ENTIRE CONTACT
S: GOLD FLASH AT MATING END – TINNED SOLDER CUP
(STAMPED AND FORMED CONTACTS OPTION)

S30: 30ui GOLD AT MATING END – TINNED SOLDER CUP
[CONTACT FACTORY FOR OTHER PLATING OPTIONS]

EMPTY: NO OPTIONS

C: REAR MOUNT CLINCH NUT .150 [3.80]

D: FRONT MOUNT CLINCH NUT 0.150 [3.80]

E: FRONT MOUNT CLINCH NUT 0.228 [5.80]

F: REAR MOUNT CLINCH NUT 0.228 [5.80]

S: STAMPED AND FORMED CONTACTS
EMPTY: MACHINED CONTACTS

TE: TIN PLATED WITH
GROUNDING INDENTS
(MALE ONLY)

T: TIN PLATED NO
GROUNDING INDENTS
(FEMALE ONLY)

NE: NICKEL PLATED WITH
GROUNDING INDENTS
(MALE ONLY)

N: NICKEL PLATED NO
GROUNDING INDENTS
(FEMALE ONLY)

NOTES:

1. SHELL MATERIAL: STEEL
2. SHELL FINISH: SEE ORDER INFORMATION
3. INSULATOR MATERIAL: THERMOPLASTIC / PBT UL94V-0
4. INSULATOR COLOR: BLACK
5. CONTACTS: COPPER ALLOY
6. VOLTAGE RATING: 250 VAC
7. CURRENT RATING: 3 AMPS MAX
8. CONTACT RESISTANCE: 15 MILLIOHMS MAX.
9. INSULATION RESISTANCE: 3000 MEGOHMS @ 500 VDC
10. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC / 1 MINUTE
11. TEMPERATURE RANGE: -55° TO +105° CENTIGRADE

THIS IS A CONTROLLED DOCUMENT AND IS
SUBJECT TO CHANGE. CONTACT NORTHERN
TECHNOLOGIES ENGINEERING FOR THE
LATEST REVISION.

UNLESS OTHERWISE SPECIFIED 1. ALL DIMENSIONS ARE IN INCHES (MM) 2. DIMENSIONS ARE TYPICAL		Northern Technologies				THIS DRAWING IS THE PROPERTY OF NORTHERN TECHNOLOGIES AND SHOULD NOT BE REPRODUCED WITHOUT NORTHERN TECHNOLOGIES WRITTEN PERMISSION.	
		PART NUMBER SEE ORDER INFORMATION DESCRIPTION DE SERIES CONNECTORS					
DRAWN JSD	13-OCT-05						
CHECKED SCN	13-OCT-05	SIZE B	CODE 200_155	DWG NO. 0002-200-155			REV
ISSUED	13-OCT-05	SCALE 1:1				SHEET 2 OF 2	