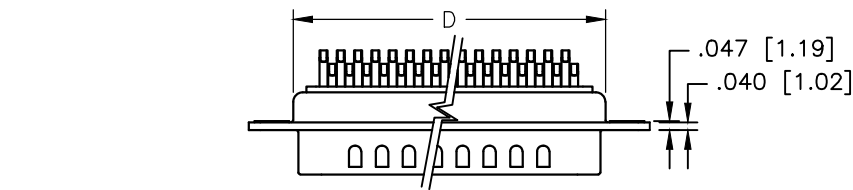
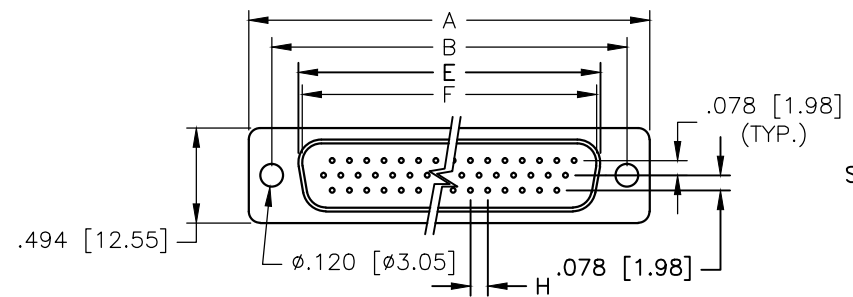


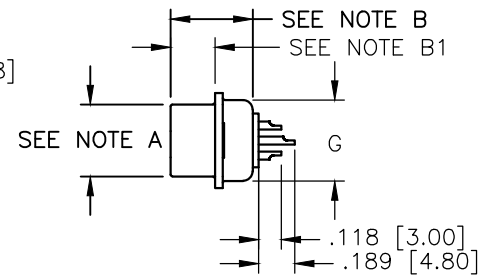
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	ECN 0619	25-AUG-06	
	B	ECN 0649	22-APR-08	
	C	ECN 0677	20-AUG-09	
	D	ECN 0680	27-JAN-10	
	E	ECN 0683	14-APR-10	
	F	ECN 0762	17-DEC-14	
	G	ECN 0764	14-JAN-15	
	H	ECN 0785	08-JUN-16	



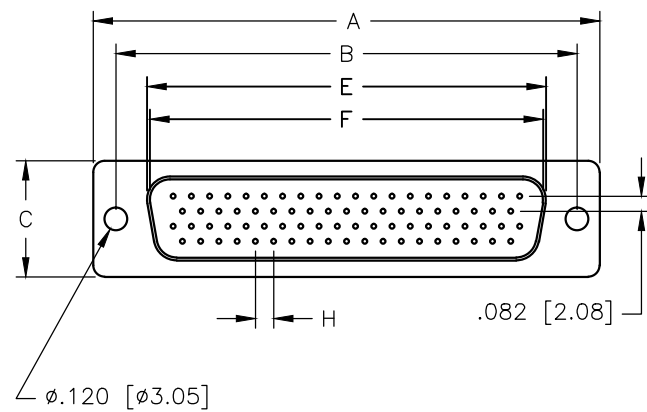
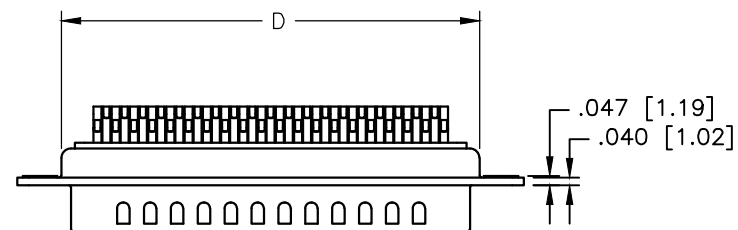
NOTE A: 15, 26, 44 & 62 MALE: 0.327 [8.30]
 15, 26, 44 & 62 FEMALE: 0.311 [7.90]
 NOTE B: 15, 26, 44 & 62 MALE: 0.431 [10.95]
 15, 26, 44 & 62 FEMALE: 0.423 [10.75]
 NOTE B1: 15, 26, 44 & 62 MALE: 0.240 [6.10]
 15, 26, 44 & 62 FEMALE: 0.232 [5.90]



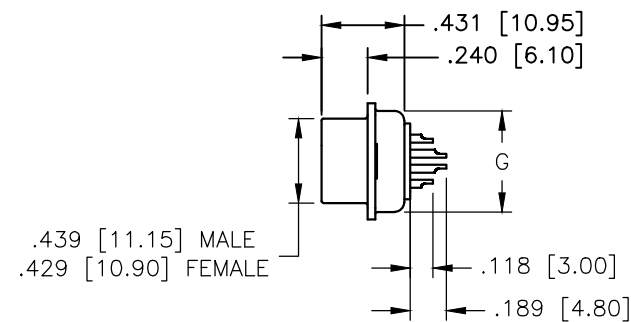
15 THROUGH 62 POSITION



D3 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]	H ±0.010 [±0.254]
15	E(9)	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]	0.090 [2.29]
26	A(15)	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]	0.090 [2.29]
44	B(25)	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]	0.090 [2.29]
62	C(37)	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]	0.095 [2.41]
78	D(50)	2.638 [67.00]	2.406 [61.11]	0.602 [15.30]	2.178 [55.32]	2.064 [52.43]	2.079 [52.81]	0.527 [13.40]	0.095 [2.41]



78 POSITION



NOTES:

1. SHELL MATERIAL: STEEL
2. SHELL FINISH: SEE ORDER INFORMATION
3. INSULATOR MATERIAL: THERMOPLASTIC 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
12. MAXIMUM WIRE SIZE: 24 AWG

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.		
DRAWN JSD 13-OCT-05		PART NUMBER SEE ORDER INFORMATION		
CHECKED SCN 13-OCT-05		DESCRIPTION D3E SERIES CONNECTORS		
ISSUED	13-OCT-05	SIZE B	CODE 200_156	DWG NO. 0002-200-156
		SCALE N.T.S.		SHEET 1 OF 2

FACTORY DESIGNATOR
LEAVE BLANK

ORDER INFORMATION

() D3 E 44 P TE S XXX C

SERIES _____
RoHS _____
NO. OF CONTACTS _____
P: MALE _____
S: FEMALE _____

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)

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]

CONTACT FINISH:

EMPTY: 1ui GOLD
50ui NICKEL UNDERPLATE

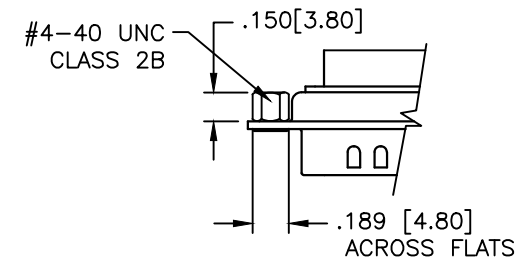
S5: 5ui SELECTIVE GOLD ON CONTACT AREA ,
100ui TIN ON SOLDER TAILS,
50ui NICKEL UNDERPLATE & ON BALANCE. OF CONTACT

S30: 30ui SELECTIVE GOLD ON CONTACT AREA ,
100ui TIN ON SOLDER TAILS,
50ui NICKEL UNDERPLATE & ON BALANCE. OF CONTACT

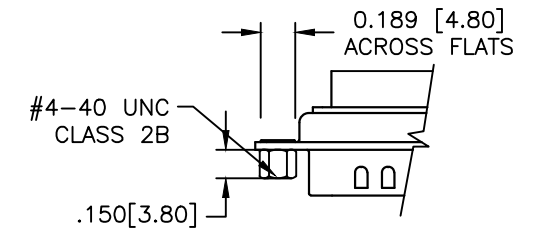
CONSULT FACTORY FOR OTHER PLATING OPTIONS

S: STAMPED AND FORMED CONTACTS

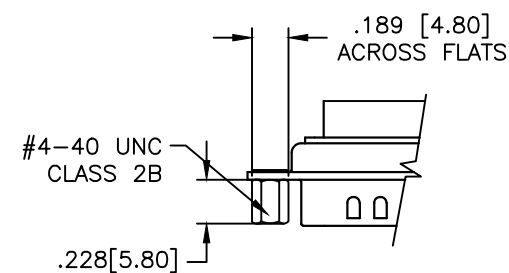
'C' CLINCH NUT OPTION



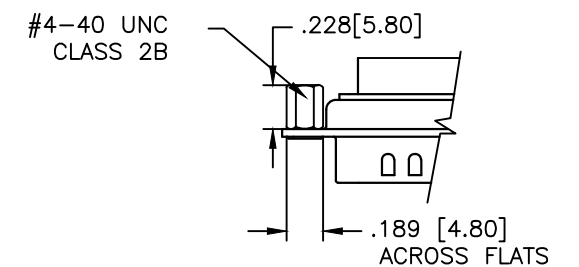
'D' CLINCH NUT OPTION



'E' CLINCH NUT OPTION



'F' CLINCH NUT OPTION



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UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS ARE IN INCHES (MM)
- DIMENSIONS ARE TYPICAL

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PART NUMBER SEE ORDER INFORMATION

DESCRIPTION D3E SERIES CONNECTORS

DRAWN JSD 13-OCT-05

CHECKED SCN 13-OCT-05

ISSUED 13-OCT-05

SIZE B	CODE 200_156	DWG NO. 0002-200-156	REV
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SCALE N.T.S. SHEET 2 OF 2