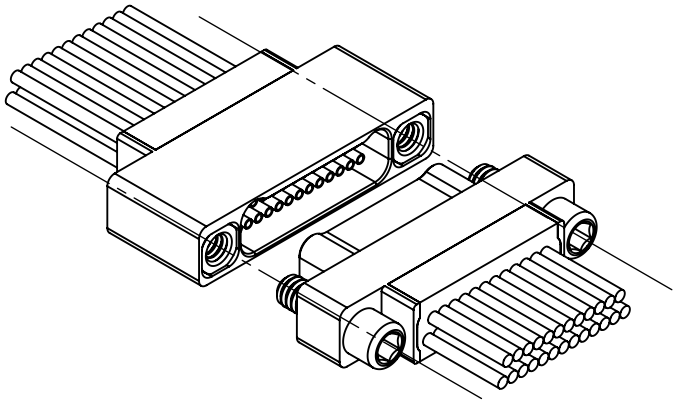


A

B

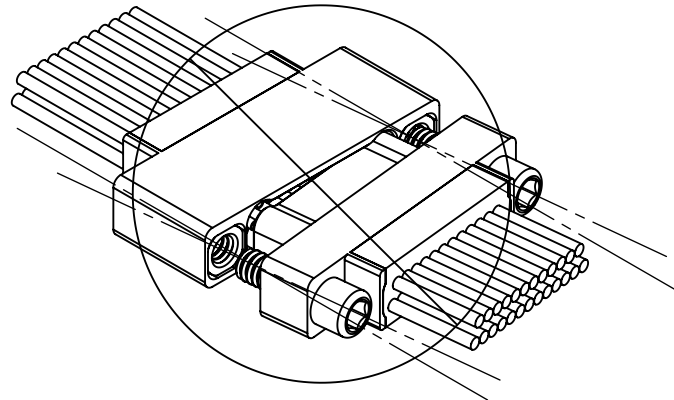
C

1.



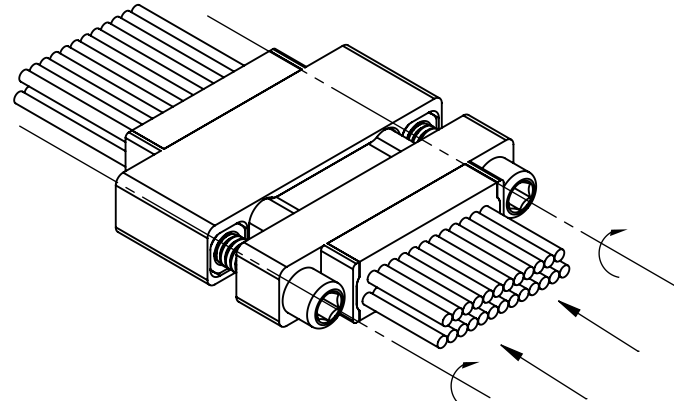
ALIGN THE PLUG AND RECEPTACLE ASSEMBLIES NOTING THE CORRECT LOBE ORIENTATION. (BOTH HARDWARE COMBINATIONS ARE SHOWN HERE).

2.



NOTE! DO NOT MATE THE TWO ASSEMBLIES UNEVENLY. DOING SO COULD RESULT IN DAMAGED CONTACTS AND HARDWARE IN EITHER ASSEMBLY.

3.

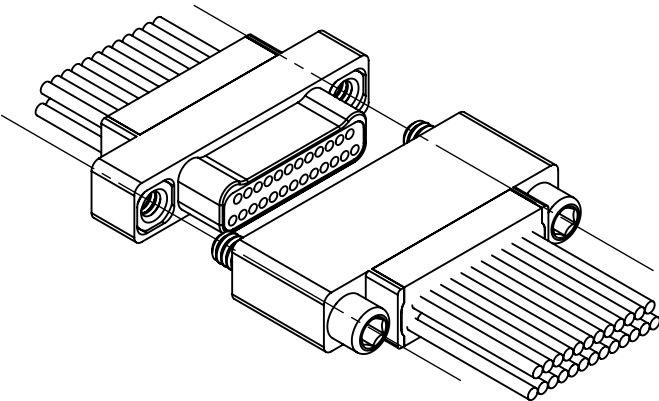


MATE THE CONNECTOR HALVES EVENLY.

APPLY AN EVEN FORCE TO THE CONNECTOR BODY UNTIL THE HARDWARE IS ENGAGED.

WHILE APPLYING EVEN FORCE ON THE CONNECTOR BODY, TIGHTEN ONE JACKSCREW 1/4 TO 1/2 TURN, THEN TIGHTEN THE OTHER JACKSCREW 1/4 TO 1/2 TURN. THEREAFTER ALTERNATELY TIGHTEN EACH JACKSCREW UNTIL THE CONNECTORS ARE FULLY MATED.

1.



HEX WRENCH KEY/BIT CONFORMING TO THE REQUIREMENTS OF ASME/ANSI-B-18.3 IS RECOMMENDED. BALL END WRENCH NOT RECOMMENDED.

#0-80 HARDWARE - 0.050" HEX

#2-56 HARDWARE - 1/16" HEX

MATERIAL

FINISH



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OAKHAM BUSINESS PARK
MANSFIELD, NOTTINGHAMSHIRE
UNITED KINGDOM

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TITLE

NANO CONNECTOR
SINGLE AND DUAL ROW
MATING AND UNMATING PROCEDURE

UNLESS OTHERWISE STATED
THE POSITION OF ANY [BASIC] SIZE HOLES
ARE SUBJECT TO THE FOLLOWING
GEOMETRIC TOLERANCES
ALL DIMENSIONS RELATIVE TO DATUM
ARE SUBJECT TO THE FOLLOWING
GEOMETRIC TOLERANCES
SURFACE CONDITIONS SEE GDS251



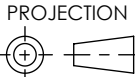
TOLERANCES
.XX = ± 0.13
.X = ± 0.25
HOLES = ± 0.08
ANGLES = ± 0.5°

DIMENSIONS
mm

SCALE
2:1

DRAWN BY
K.Shields
DESIGN APPROVED
M.Fata

DATE
07-06-2016
DATE
23-06-2016



DRAWING No.

DIS 10170
EPF

GDS316

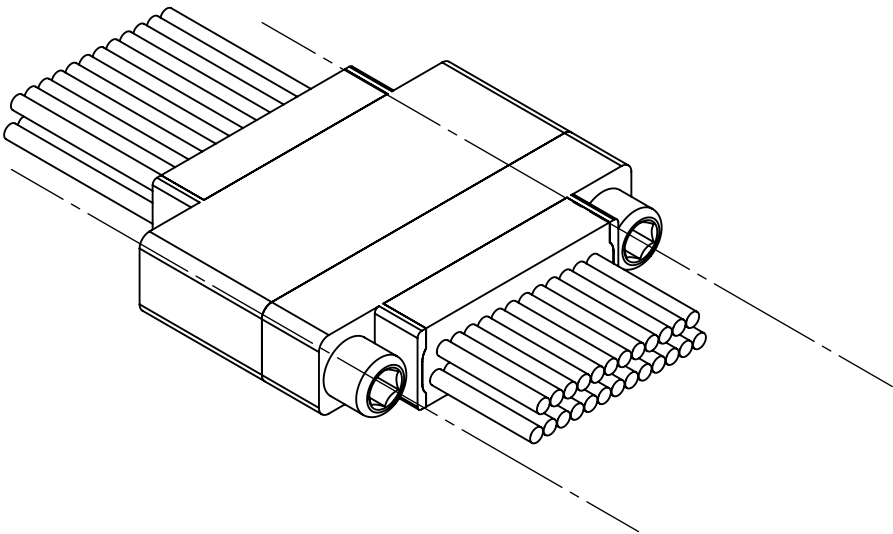
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REVISION
A

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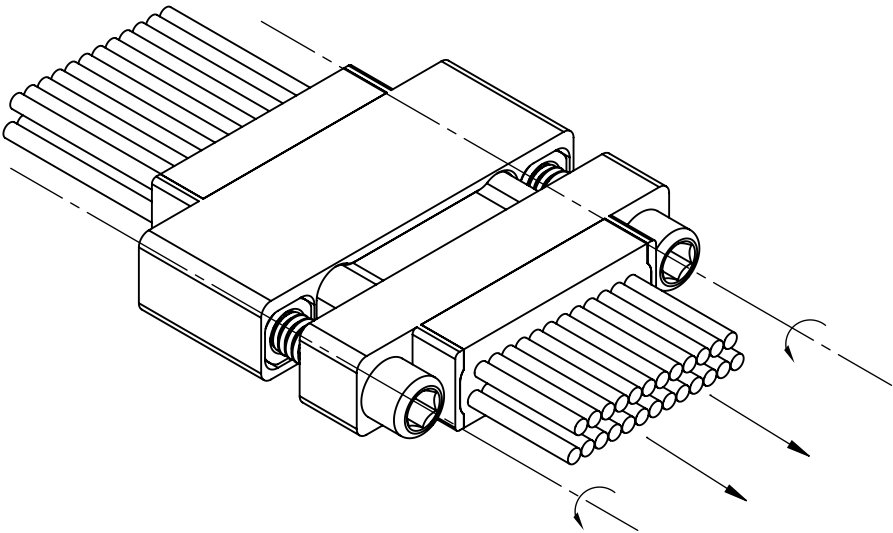
4.



WHEN THE CONNECTORS ARE FULLY MATED,
A HARDWARE TORQUE MAY BE APPLIED
TO THE FOLLOWING SPECIFICATIONS,
#0-80 HARDWARE 0.057Nm to 0.113Nm (0.5 - 1.0 In-lbs)
#2-56 HARDWARE 0.113Nm to 0.226Nm (1.0 - 2.0 In-lbs)

B

5.



UNMATING IS ACHIEVED IN REVERSE ORDER
OF STEPS 3-4, APPLYING A GENTLE EVEN
PULLING FORCE TO THE CONNECTOR BODY
AND ALTERNATELY LOOSENING THE
HARDWARE, AS PER STEP 3.

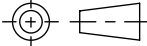
C

MATERIAL	
FINISH	



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BY RETENTION, THE HOLDER AGREES THAT IT SHALL NOT BE USED IN ANY MANNER NOMINATED HEREIN.

TITLE	NANO CONNECTOR SINGLE AND DUAL ROW MATING AND UNMATING PROCEDURE	UNLESS OTHERWISE STATED THE POSITION OF ANY [BASIC] SIZE HOLES ARE SUBJECT TO THE FOLLOWING GEOMETRIC TOLERANCES ALL DIMENSIONS RELATIVE TO DATUM ARE SUBJECT TO THE FOLLOWING GEOMETRIC TOLERANCES SURFACE CONDITIONS SEE GDS251	TOLERANCES .XX = ± 0.13 .X = ± 0.25 HOLES = ± 0.08 ANGLES = ± 0.5°	DIMENSIONS	DRAWN BY	DATE	PROJECTION	DIS 10170	SHT
				mm	K.Shields	07-06-2016		EPF	OF
				SCALE	DESIGN APPROVED	DATE	DRAWING No.	REVISION	
				2:1	M.Fata	23-06-2016	GDS316	A	
Drawing created from SolidWorks 3D model			A3						