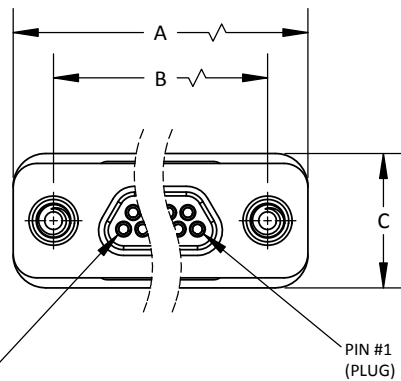
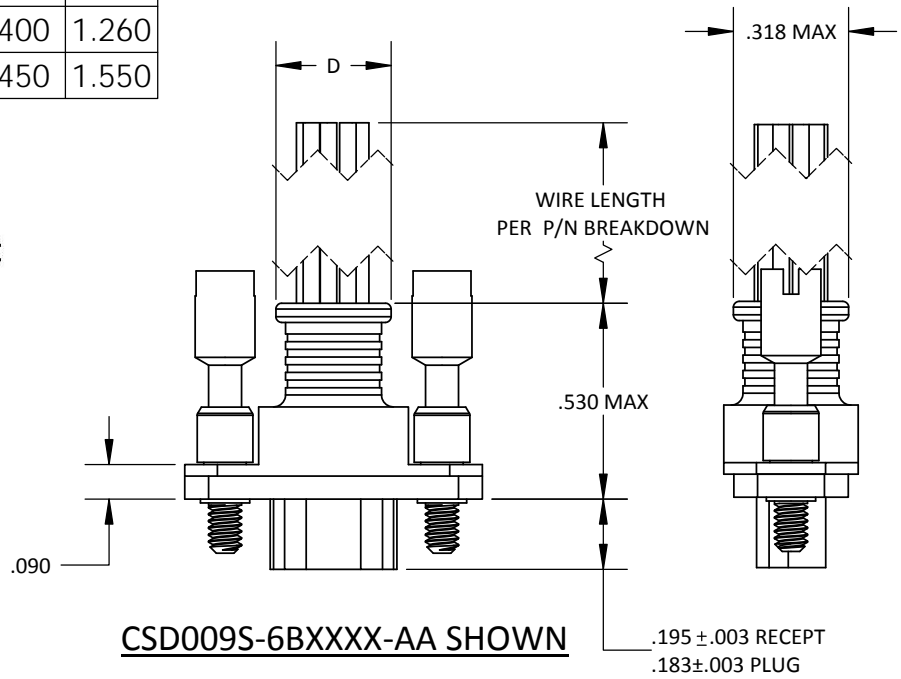
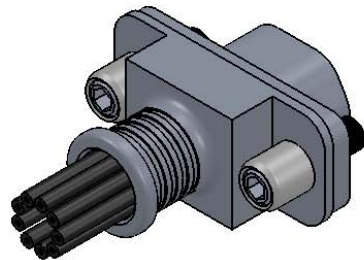
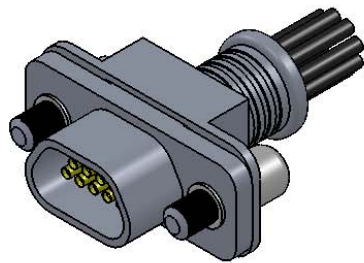
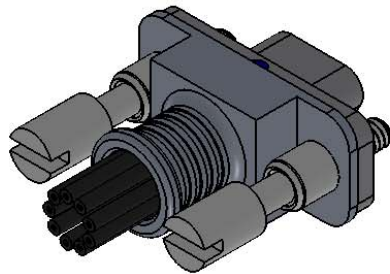
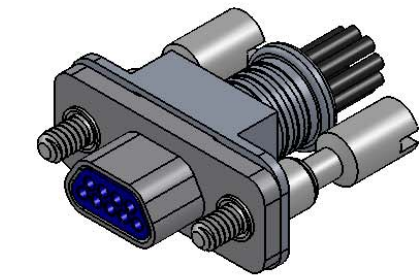


NO. OF CONTACTS	A MAX	B BSC	C MAX	D MAX
9	.785	.565	.360	.318
15	.935	.715	.360	.473
21	1.085	.865	.360	.623
25	1.185	.965	.360	.723
31	1.335	1.115	.360	.873
37	1.485	1.265	.360	1.023
51	1.435	1.215	.400	.910
69	1.735	1.515	.400	1.260
100	2.170	1.800	.450	1.550



9-37 CONTACTS

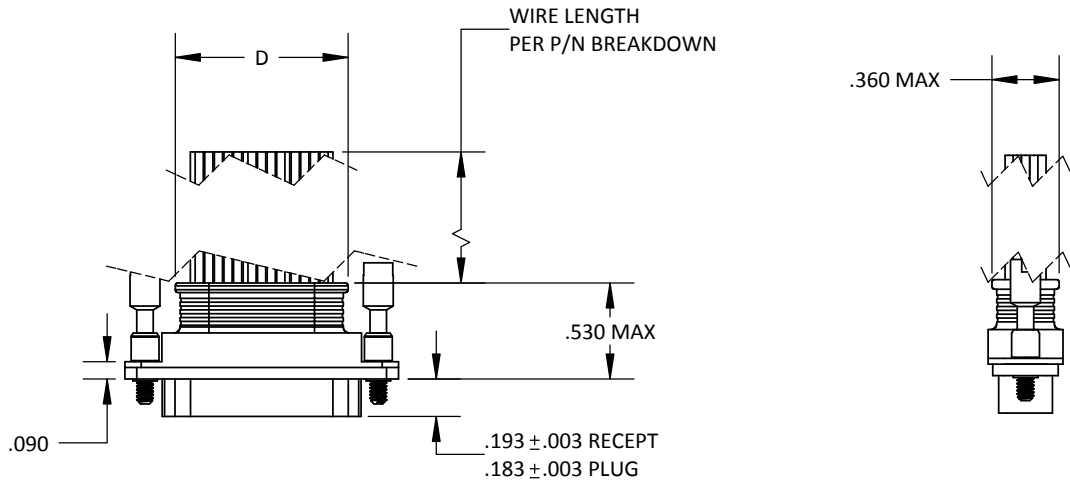
TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE
MICRO-D SHIELDED

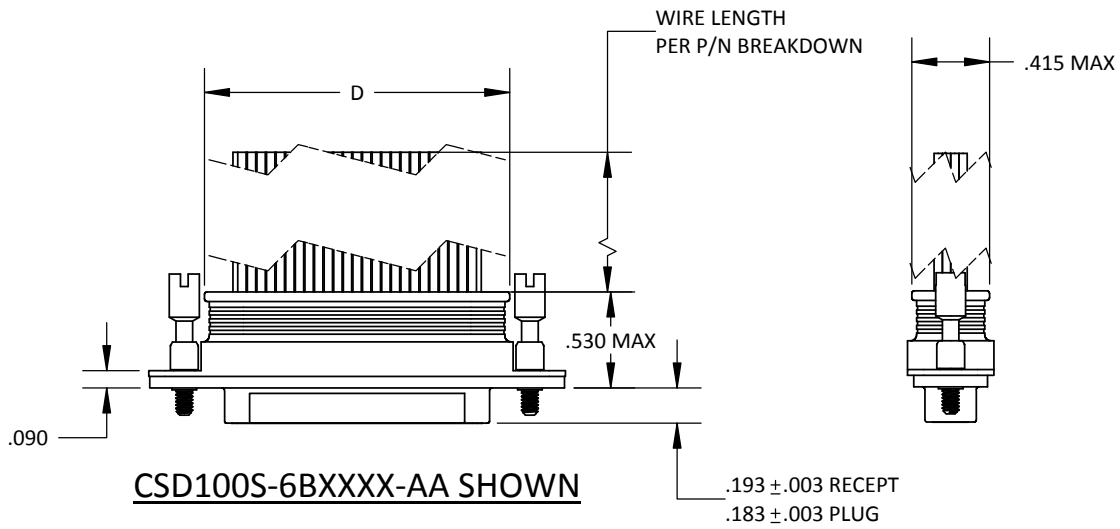
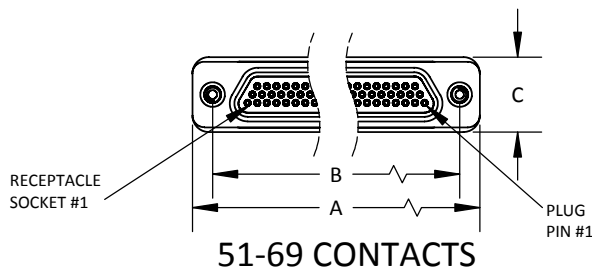
SHT 1 OF 5

DWG. NO.
CSD

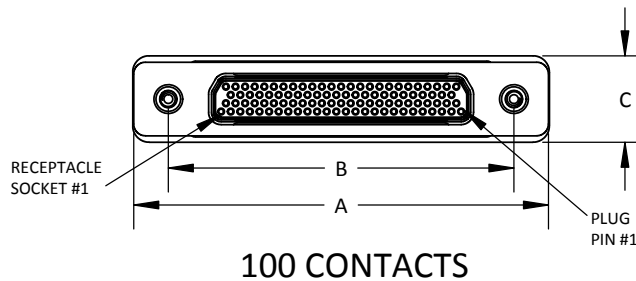
REV
B



CSD051S-6BXXXX-AA SHOWN



CSD100S-6BXXXX-AA SHOWN



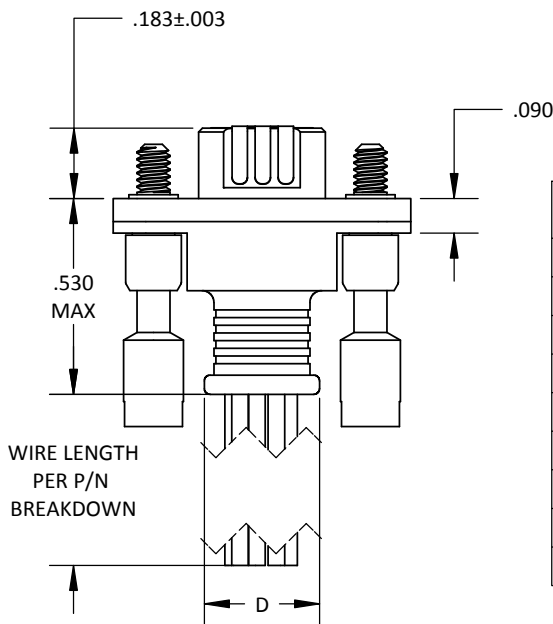
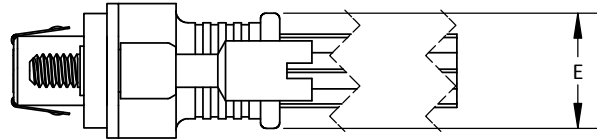
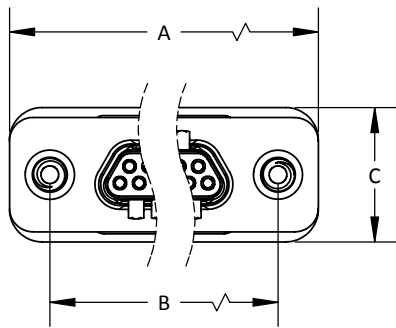
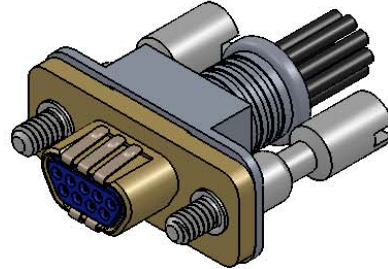
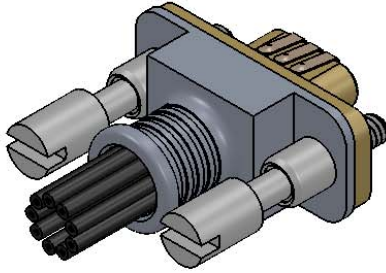
TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE
MICRO-D SHIELDED

SHT 2 OF 5

DWG. NO.
CSD

REV
B



NO. OF CONTACTS	A MAX	B BSC	C MAX	D MAX	E MAX
9	.785	.565	.360	.318	.318
15	.935	.715	.360	.473	.318
21	1.085	.865	.360	.623	.318
25	1.185	.965	.360	.723	.318
31	1.335	1.115	.360	.873	.318
37	1.485	1.265	.360	1.023	.318
51	1.435	1.215	.400	.910	.360
69	1.737	1.515	.400	1.260	.360
100	2.170	1.800	.450	1.550	.415

EMI SPRINGS (PLUG ONLY)

TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE

MICRO-D SHIELDED

SHT 3 OF 5

DWG. NO.

CSD

REV

B

CSD XXX X - X X X X X X X - X X - E

CRISTEK SHIELDED MICRO-D CONNECTORS (MATE WITH M83513)

NUMBER OF CONTACTS
009 025 051
015 031 069
021 037 100

GENDER
P = PLUG, PIN CONTACTS
S = RECEPTACLE, SOCKET CONTACTS

HARDWARE
FACTORY INSTALLED (NON-REMOVABLE)
2 = LOW PROFILE HEX DRIVE JACKSCREW *
3 = HIGH PROFILE HEX DRIVE JACKSCREW
6 = HIGH PROFILE SLOTTED JACKSCREW

SHELL FINISH
A = CADMIUM
B = NICKEL
C = ANODIZE
D = CHEM FILM
E = BLACK CADMIUM
G = GOLD
P = PASSIVATION (STAINLESS STEEL)

TERMINATION
WIRE TYPE
STRANDED
H = HARNESS (NEMA-HP3)
S = SPACE (MIL-W-22759/33)
M = MILITARY (MIL-W-22759/11) *

E = EMI SPRINGS (PLUG ONLY)

JACKET MATERIAL
B = NYLON BRAID
N = NEOPRENE
P = POLYOLEFIN
A = ABSENT

SHIELD MATERIAL
N = NICKEL OVER COPPER
S = SILVER OVER COPPER
T = TIN OVER COPPER
A = ABSENT

WIRE LENGTH
STRANDED (+ 1.00 / - 0.00)
1 = 6 INCHES
2 = 12 INCHES
3 = 18 INCHES
4 = 24 INCHES
5 = 36 INCHES
6 = 72 INCHES

WIRE SIZE
STRANDED WIRE
0 = 26 AWG
1 = 24 AWG
2 = 28 AWG

WIRE COLOR/TYPE
SINGLE WIRES
0 = WHITE STRANDED *
1 = YELLOW STRANDED
2 = 10 SOLID COLORS REPEATED *
3 = FULL COLOR CODE STRANDED
TWISTED PAIRS
W = WHITE
C = WHT & WHT/BLU

* = MOST COMMONLY USED & STOCKED WIRE TYPES AND HARDWARE OPTIONS

MATERIALS AND FINISHES ARE IAW MIL-DTL-83513 WHERE APPLICABLE FOR DETAILS SEE MIL SPEC OR WWW.CRISTEK.COM

1. MATERIALS:

SHELL - ALUMINUM ALLOY OR STAINLESS STEEL
INSULATOR - GLASS FILLED THERMOPLASTIC
PIN/SOCKET CONTACT - COPPER ALLOY
INTERFACIAL SEAL - FLUOROSILICONE BLEND
GROUND SPRINGS - BERYLLIUM COPPER

2. FINISH:

SHELL - SEE OPTIONS ABOVE
PIN/SOCKET CONTACT - GOLD OVER NICKEL
GROUND SPRINGS - GOLD OVER NICKEL

3. SPECIFICATIONS:

CURRENT RATING ----- 3 AMPS MAX
TEMPERATURE RATING ----- -55° C TO +125° C
INSULATION RESISTANCE ----- 5000 MEGOHMS MIN
DWV AT SEA LEVEL ----- 600 VAC
DWV AT 70,000 FT ALTITUDE --- 150 VAC
CONTACT RESISTANCE ----- 28 MILLIOHMS MAX
CONTACT RETENTION ----- 5 lb MINIMUM AXIAL LOAD
ENGAGEMENT FORCE ----- 6 oz MAX
SEPARATION FORCE ----- 0.5 oz MIN

4. ADDITIONAL INFORMATION:

DESIGN AND PERFORMANCE IN GENERAL ACCORDANCE WITH M83513 WHERE APPLICABLE. FOR OTHER TERMINATIONS, CONTACT CRISTEK.

TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE

MICRO-D SHIELDED

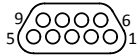
SHT 4 OF 5

DWG. NO.

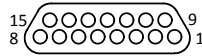
CSD

REV

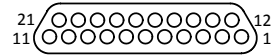
B



9



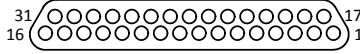
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21



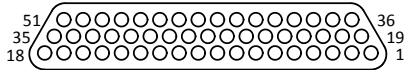
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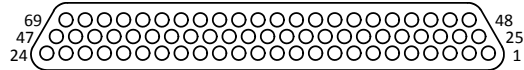
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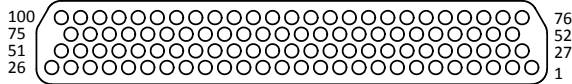
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51

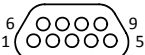


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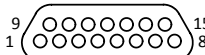


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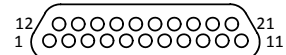
PLUG MATING FACE



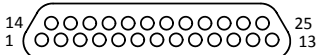
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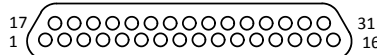
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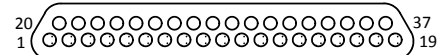
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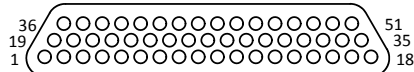
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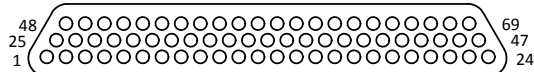
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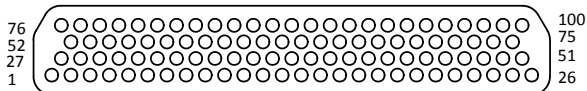
37



51



69



100

RECEPTACLE MATING FACE

TOLERANCE: .XXX ±.005
.XX ±.01
ANGLE ±1°

TITLE
MICRO-D SHIELDED

SHT 5 OF 5

DWG. NO.
CSD

REV
B