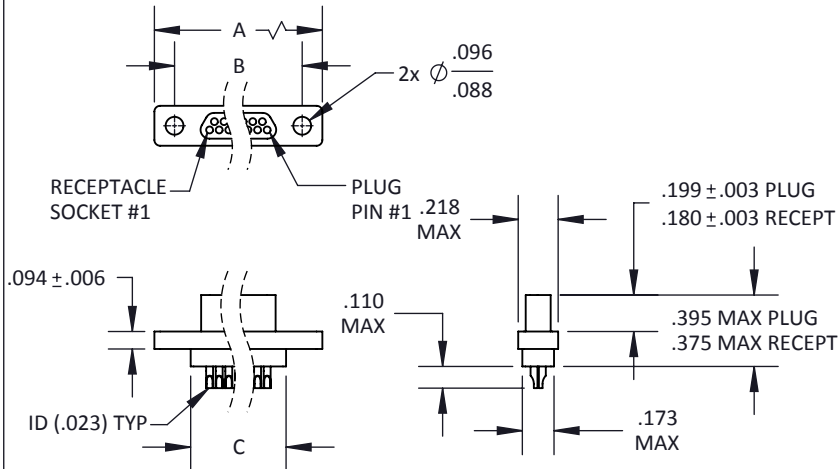
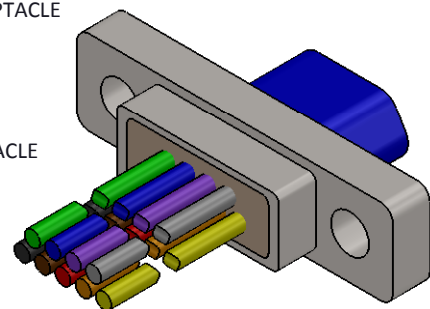
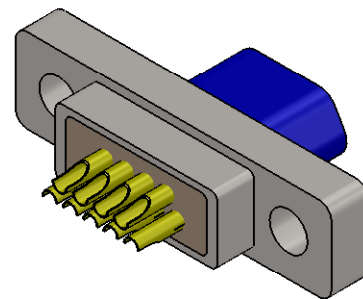
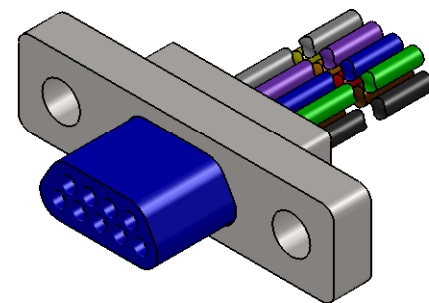
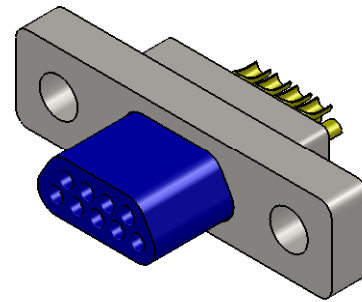
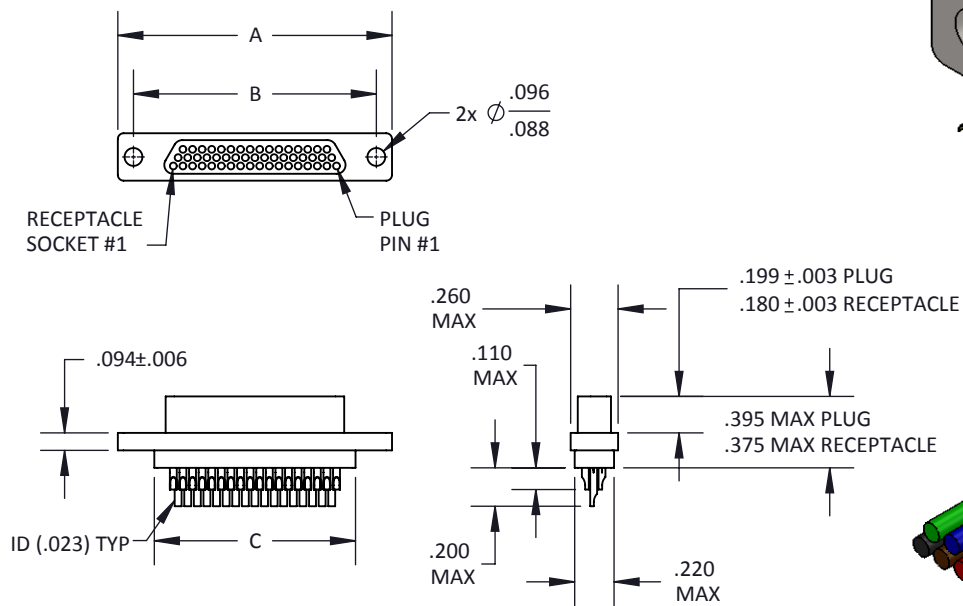


NO. OF CONTACTS	A MAX	B BSC	C MAX
9	.788	.565	.408
15	.938	.715	.558
21	1.088	.865	.708
25	1.188	.965	.808
31	1.338	1.115	.958
37	1.488	1.265	1.108
51	1.438	1.215	1.058



9-37 CONTACTS



51 CONTACTS

TOLERANCE: .XXX  $\pm .005$   
.XX  $\pm .01$   
ANGLE  $\pm 1^\circ$

TITLE

MICRO-D LOW PROFILE  
METAL SHELL

SHT 1 OF 3

DWG. NO.

CHD

REV

B

CHDXXX X - X X X X X X

CRISTEK LOW PROFILE METAL SHELL  
MICRO-D CONNECTORS

NUMBER OF CONTACTS

009 025 051  
015 031  
021 037

GENDER

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

HARDWARE

0 = NONE  
FACTORY INSTALLED (NON-REMOVABLE)  
F = FLOAT MOUNT  
J = HIGH PROFILE HEX DRIVE JACKSCREW  
K = HIGH PROFILE SLOTTED JACKSCREW  
L = LOW PROFILE HEX DRIVE JACKSCREW \*  
T = THREADED INSERT  
M83513 HARDWARE - FACTORY INSTALLED  
2 = LOW PROFILE HEX DRIVE JACKSCREW \*  
3 = HIGH PROFILE HEX DRIVE JACKSCREW  
5 = LOW PROFILE SLOTTED JACKSCREW \*  
6 = HIGH PROFILE SLOTTED JACKSCREW  
7 = JACKPOST KIT \*

SHELL FINISH

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

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

SOLID COPPER (+0.20 / - 0.00)

1 = 0.5 INCH  
2 = 1.0 INCH  
3 = 0.25 INCH

WIRE SIZE

STRANDED WIRE

0 = 26 AWG  
1 = 24 AWG  
2 = 28 AWG

SOLID WIRE

0 = 25 AWG  
1 = 24 AWG

WIRE COLOR/TYPE

0 = WHITE STRANDED \*  
1 = YELLOW STRANDED  
2 = 10 SOLID COLORS REPEATED \*  
3 = FULL COLOR CODE STRANDED  
9 = SOLID COPPER \*

TERMINATION

0000 - SOLDER CUP \*

WIRE TYPE

STRANDED

H = HARNESS (MIL-W-16878/4)  
S = SPACE (MIL-W-22759/33)  
M = MILITARY (MIL-W-22759/11) \*

SOLID

G = GOLD PLATED COPPER  
T = TIN/LEAD PLATED COPPER

\* = 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

2. FINISH:

SHELL - SEE OPTIONS ABOVE  
PIN/SOCKET CONTACT - 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:  
24, 26 & 28 AWG (STRANDED) = 28 MILLIOHMS MAX.  
24 & 25 AWG (SOLID) = 25 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 LOW PROFILE  
METAL SHELL**

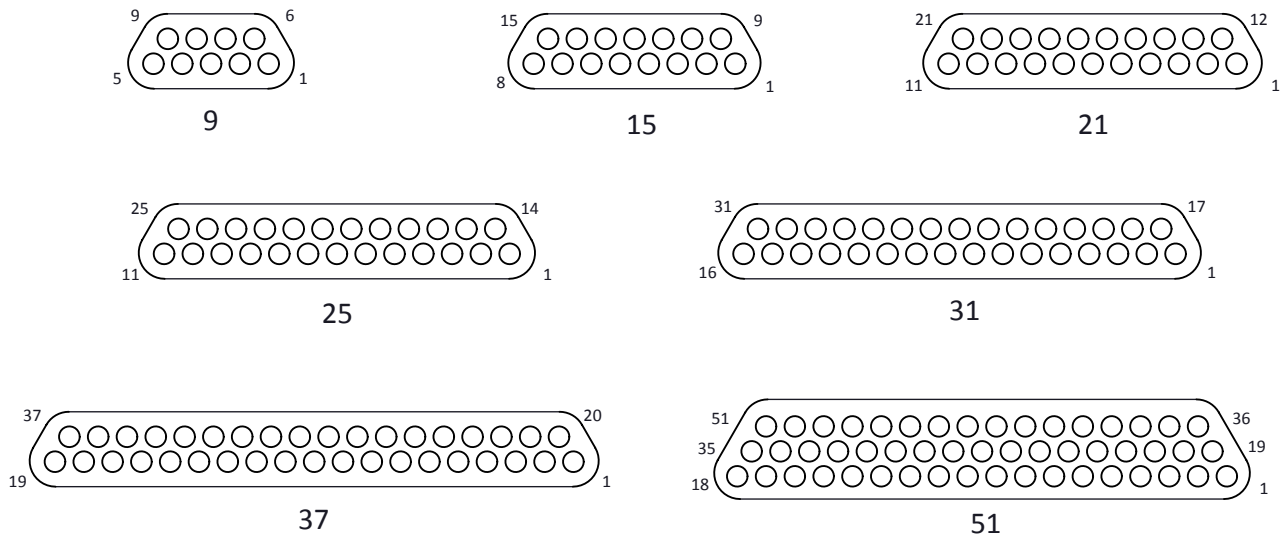
SHT 2 OF 3

DWG. NO.

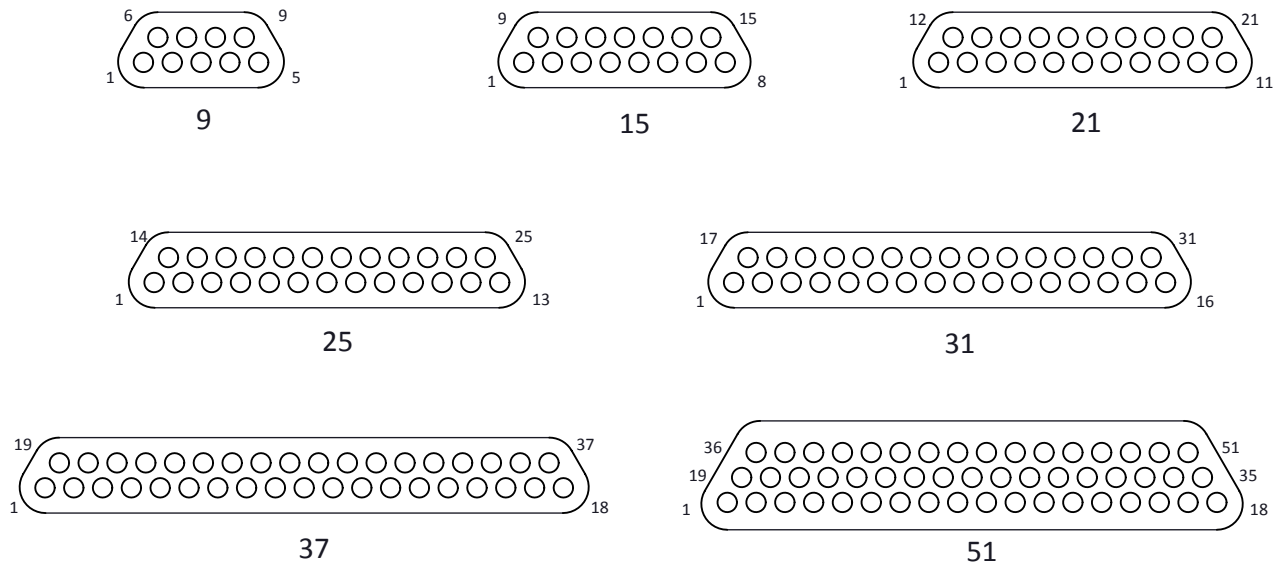
**CHD**

REV

**B**



**PLUG MATING FACE**



**RECEPTACLE MATING FACE**

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE MICRO-D LOW PROFILE METAL SHELL	SHT 3 OF 3	DWG. NO. CHD	REV B
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