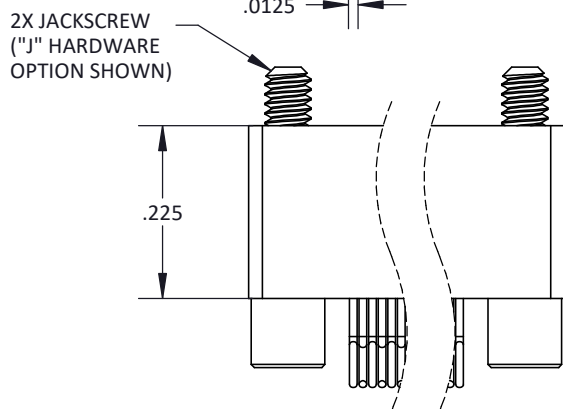
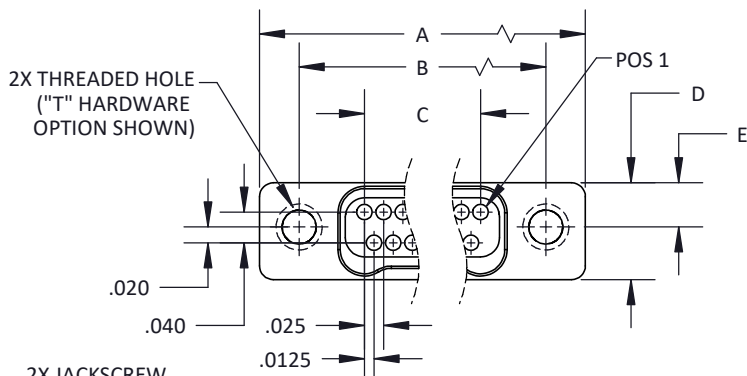
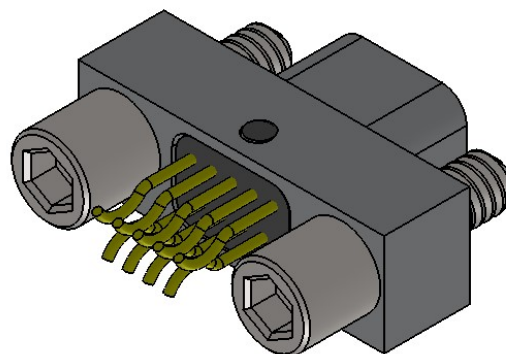


**PLUG**



**RECEPTACLE**

NO. OF CONTACTS	A	B	C	D	E
9	.375	.270	.100		
15	.450	.345	.175		
21	.525	.420	.250		
25	.575	.470	.300		
31	.650	.545	.375	.125	.0575
37	.725	.620	.450		
51	.900	.795	.625		
65	1.075	.970	.800		
69	1.125	1.020	.850		
85	1.377	1.246	1.050	.150	.070
91	1.452	1.321	1.125		

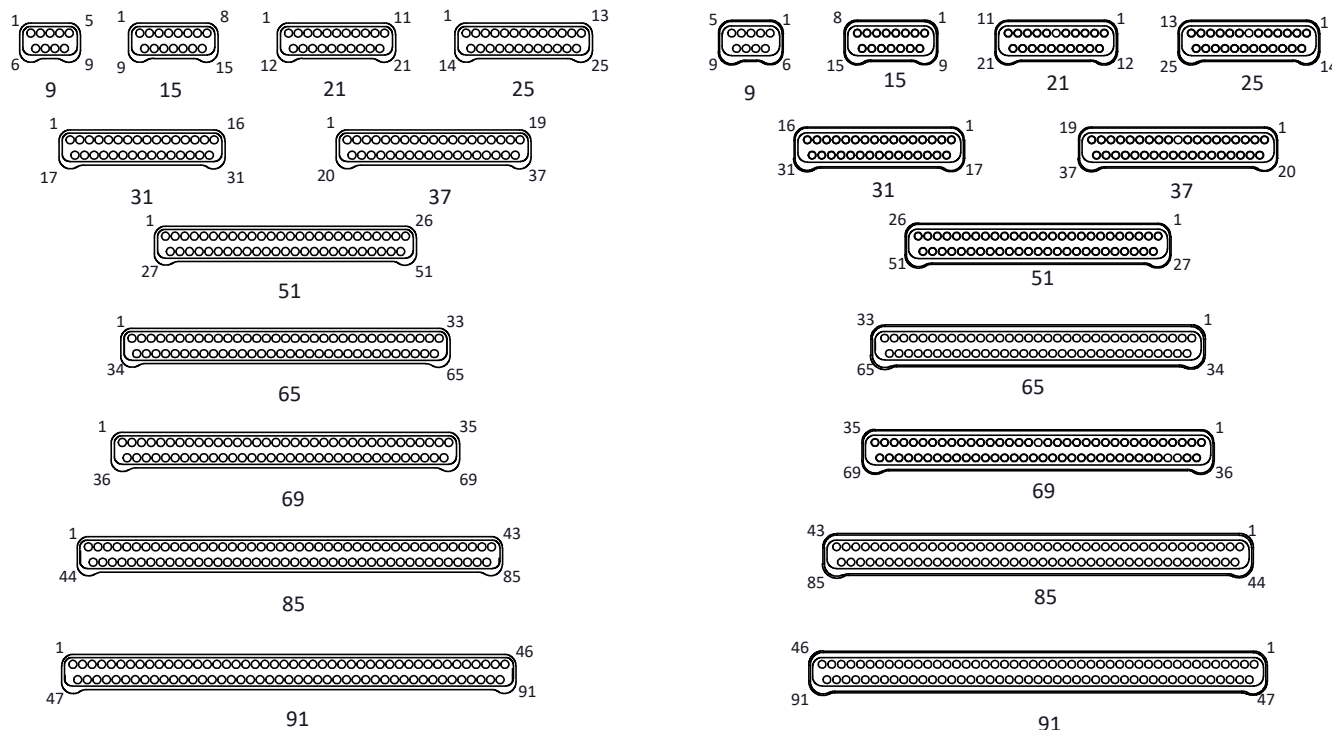
TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

TITLE NANO METAL SHELL  
DUAL ROW  
FLEX CIRCUIT TERMINATION

SHT 1 OF 2

DWG. NO. NFX

REV E



PLUG MATING FACE

RECEPTACLE MATING FACE

### NFX XXX X - X X 1

NANO METAL SHELL WITH FLEX TERMINATION

NUMBER OF CONTACTS  
 009 025 051 085  
 015 031 065 091  
 021 037 069

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

5 HARDWARE  
 0 = NONE (THRU HOLE ONLY)  
 J = JACKSCREW  
 T = THREADED HOLE

TERMINATION  
 1 = FLEX CIRCUIT

SHELL FINISH  
 ALUMINUM  
 A = CADMIUM  
 B = NICKEL  
 C = ZINC-NICKEL  
 G = GOLD  
 STAINLESS STEEL  
 P = PASSIVATE  
 TITANIUM  
 T = TITANIUM (FINISH N/A)

MATERIALS AND FINISHES ARE IAW MIL-DTL-32139.  
 FOR DETAILS SEE MIL-SPEC OR WWW.CRISTEK.COM

- MATERIALS:**  
 SHELL - ALUMINUM ALLOY, STAINLESS STEEL OR TITANIUM  
 INSULATOR - LIQUID CRYSTAL POLYMER, GLASS FILLED THERMOPLASTIC OR POLYETHERIMIDE  
 CONTACT - COPPER ALLOY
- FINISH:**  
 SHELL - PER PART NUMBER BREAKDOWN  
 CONTACT - GOLD OVER NICKEL

- SPECIFICATIONS:**  
 CURRENT RATING ----- 1 AMP MAX  
 TEMPERATURE RATING ----- -55° C TO +125° C  
 INSULATION RESISTANCE ----- 5000 MEGOHMS  
 DWV AT SEA LEVEL ----- 250 VAC  
 DWV AT 70,000 FT ALTITUDE --- 100 VAC  
 CONTACT RESISTANCE ----- 71 mV DROP MAX @ 1 A  
 CONTACT RETENTION ----- 2 LBS AXIAL LOAD  
 ENGAGEMENT FORCE ----- 5 oz MAX  
 SEPARATION FORCE ----- 0.4 oz MIN

- ADDITIONAL INFORMATION:**  
 FOR OTHER TERMINATIONS, CONTACT CRISTEK.
- 5 HARDWARE SIZES:  
 SIZE 9 - 69: 0-80 HARDWARE  
 SIZE 85 & 91: 2-56 HARDWARE

TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°	TITLE <b>NANO METAL SHELL DUAL ROW FLEX CIRCUIT TERMINATION</b>	SHT 2 OF 2	DWG. NO. <b>NFX</b>	REV <b>E</b>
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