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**CSD009S-6BXXXX-AA SHOWN**

- Wire length per P/N breakdown
- .090
- .530 Max
- .195 ± .003 Recept
- .183 ± .003 Plug

**9-37 CONTACTS**

- Socket #1 (Receptacle)
- Pin #1 (Plug)
CSD051S-6BXXXX-AA SHOWN

51-69 CONTACTS

CSD100S-6BXXXX-AA SHOWN

100 CONTACTS
EMI SPRINGS (PLUG ONLY)

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WIRE LENGTH PER P/N BREAKDOWN

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

CSD

888.265.9162
**CSD** XXX X - X X X X X - X - X - E  

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 - FLUOROSILICON BLEND  
   - GROUND SPRINGS - BERLYLUM 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 MILLIONMS 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°  

**REV:** B  
**SHT:** 4 OF 5  
**DWG. NO.:** CSD  
**CSD**  
**CRISTEK.COM**  
**888.265.9162**