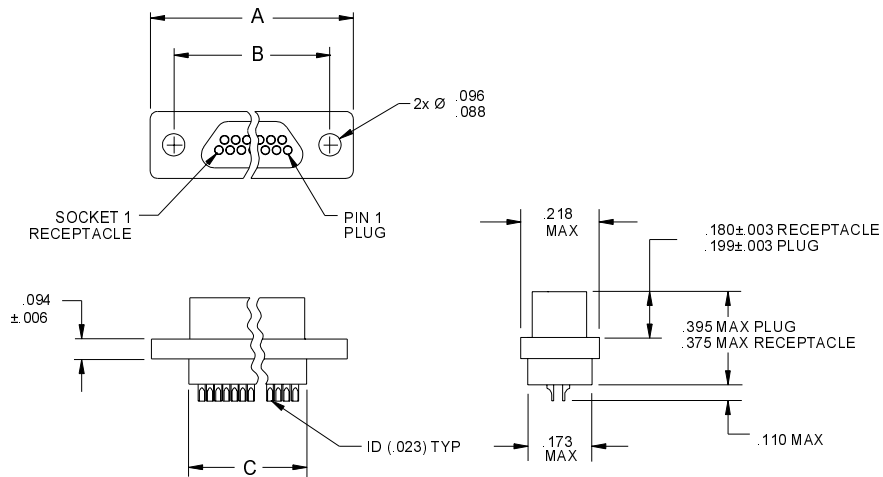
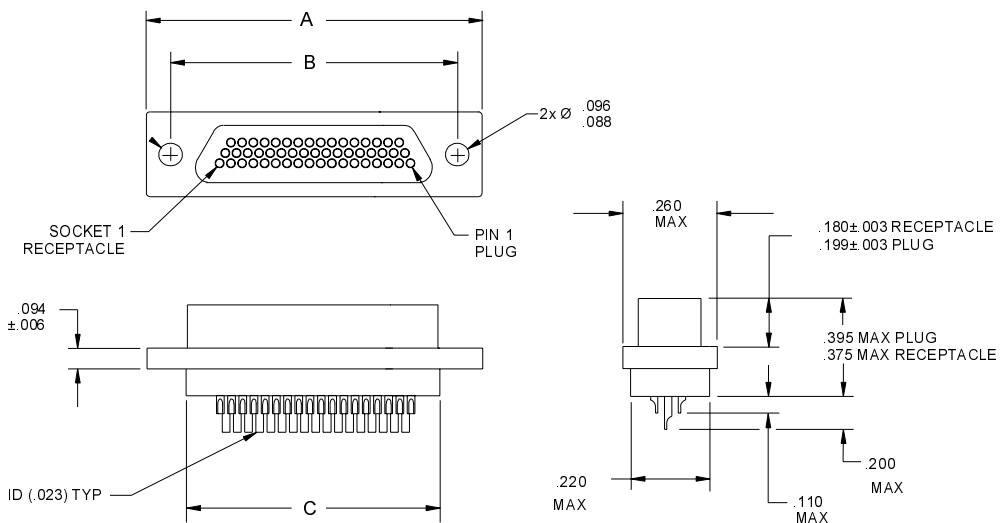


1.2 MICRO CONNECTORS / MOTS

NO. OF CONTACTS	A MAX	B	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

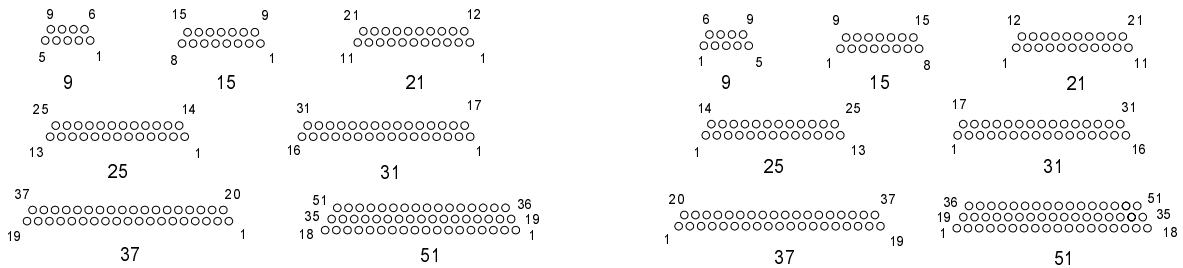


9 - 37 CONTACTS



51 CONTACTS

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	DWG. NO.		
	MICRO-D PLASTIC	CPD		REV
	FILENAME	CODE IDENT NO.	SHT	OF
ADS-CPD-1	67720	1	2	H
TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°				



PLUG MATING FACE

RECEPTACLE MATING FACE

CPD ### # - # # # # ## - #

CRISTEK PLASTIC SHELL
MICRO-D CONNECTORS
(MATE WITH M83513 PLASTIC)

NUMBER OF CONTACTS
009 025 051
015 031
021 037

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

HARDWARE
0 = NONE

M83513 HARDWARE - FACTORY INSTALLED
2 = LOW PROFILE HEX DRIVE *
3 = HIGH PROFILE HEX DRIVE
5 = LOW PROFILE SLOTTED *
6 = HIGH PROFILE SLOTTED
7 = JACKPOST KIT (HARDWARE IS #2-56) *

SHELL MATERIAL
5 - POLYPHENYLENE SULFIDE

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 PLATED COPPER

-1 = HARDWARE TO BE KITTED WITH
CONNECTOR (NOT INSTALLED)

WIRE LENGTH
STRANDED
01 = 6 INCHES
02 = 12 INCHES
03 = 18 INCHES
04 = 24 INCHES
05 = 36 INCHES
06 = 72 INCHES
SOLID COPPER
25 AWG
01 = 0.5 INCH
02 = 1.0 INCH
03 = 0.25 INCH
24 AWG
11 = 0.5 INCH
12 = 1.0 INCH
13 = 0.25 INCH

WIRE COLOR/SIZE
0 = WHITE 26 AWG STRANDED *
1 = YELLOW 26 AWG STRANDED
2 = 10 SOLID COLORS REPEATED *
26 AWG STRANDED
3 = FULL COLOR CODE 26 AWG STRANDED
9 = SOLID COPPER *

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

1. MATERIALS:

INSULATOR - POLYPHENYLENE SULFIDE PER MIL-M-24519
TYPE GST-40F
PIN CONTACT - BERYLLIUM COPPER
SOCKET CONTACT - COPPER ALLOY

2. FINISH:

CONTACT - GOLD PER MIL-G-45204, TYPE II, GRADE C,
CLASS I OVER NICKEL PER QQ-N-290.

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 8 MILLIOHMS MAX AT 2.5 AMPS
LOW LEVEL CONTACT 10 MILLIOHMS MAX
RESISTANCE
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
FOR OTHER TERMINATIONS, CONTACT CRISTEK.

CRISTEK INTERCONNECTS, INC. www.cristek.com 1301 S. Lewis St. Anaheim, CA 92805 Phone: (714) 618-2000 FAX: (714) 535-4897	TITLE	DWG. NO.		
	MICRO-D PLASTIC	CPD		
FILENAME	ADS-CPD-2	CODE IDENT NO. 67720	SHT 2 OF 2	REV H
		TOLERANCE: .XXX ±.005 .XX ±.01 ANGLE ±1°		