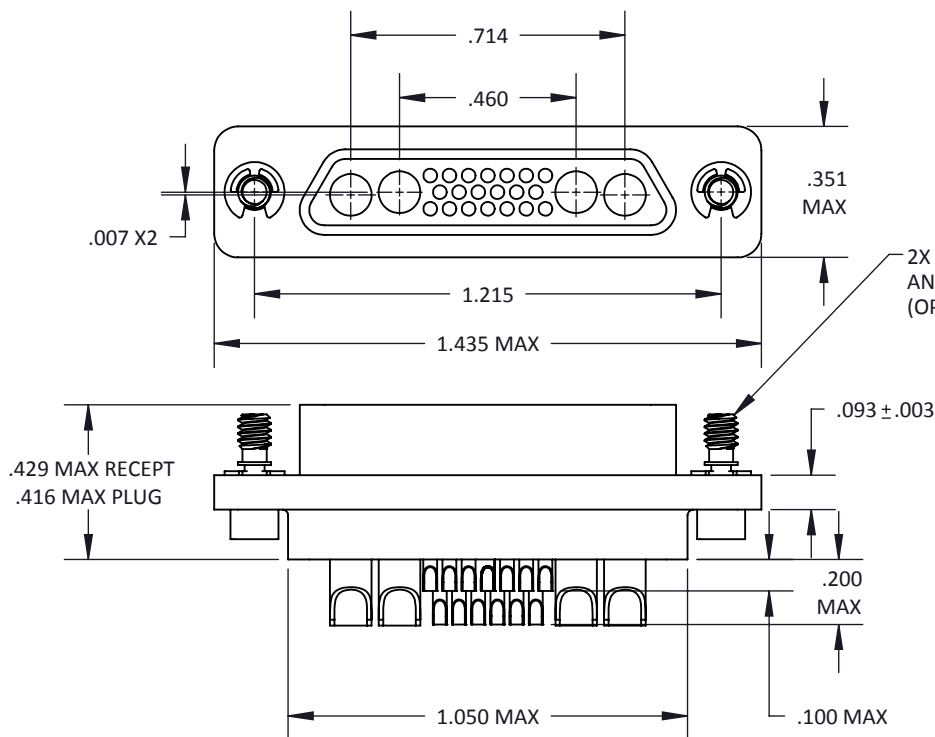
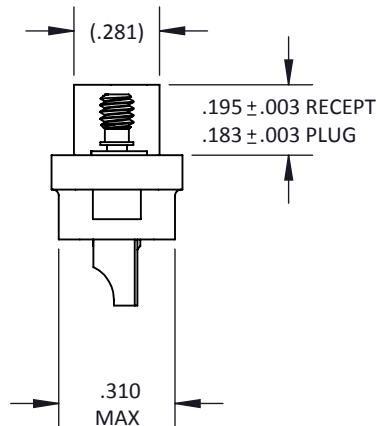


05C2 & 05P2 CONTACTS (25 MICRO CONTACT SHELL)
(PREWIRED MICRO/COAX CONTACT CONFIGURATION SHOWN)



2X #2-56 JACKSCREW
AND RETAINING CLIP
(OPTIONAL)



20C4 & 20P4 CONTACTS (51 MICRO CONTACT SHELL)
(SOLDER CUP MICRO/POWER CONTACT CONFIGURATION SHOWN)

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

TITLE
COMBO
MICRO AND COAXIAL CONTACTS
OR MICRO AND POWER CONTACTS

SHT 1 OF 2

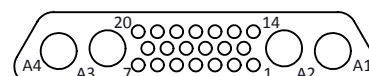
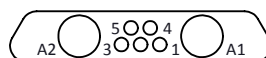
DWG. NO.

CCD

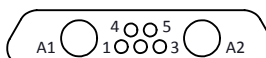
REV

H

PLUG MATING FACE



RECEPTACLE MATING FACE



05C2 & 05P2

20C4 & 20P4

CCD — X XXXX — X X X X X X X X

CRISTEK COMBO CONNECTOR

GENDER***

P = PLUG, PIN CONTACTS

S = RECEPTACLE, SOCKET CONTACTS

NUMBER/TYPE OF CONTACTS

MICRO/COAXIAL MICRO/POWER

05C2 20C4 05P2 20P4

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)

TERMINATION

00000 - ALL SOLDER CUPS (MICRO/POWER CONTACT CONFIGURATION ONLY)*

WIRE TYPE

N = NONE (MICRO SOLDER CUP/COAX CONFIGURATION ONLY)

STRANDED

H = HARNESS (MIL-W-16878/4)

M = MILITARY (MIL-W-22759/11)*

S = SPACE (MIL-W-22759/33)

SOLID

G = GOLD PLATED COPPER

T = TIN PLATED COPPER

* = MOST COMMONLY USED & STOCKED

WIRE TYPES AND HARDWARE OPTIONS

** = COAX AND POWER WIRES WILL HAVE THE SAME

LENGTHS AS THOSE FOR THE MICRO CONTACTS

*** = PLUG WILL HAVE MICRO PIN AND POWER/COAX SOCKET CONTACTS

RECEPTACLE WILL HAVE MICRO SOCKET AND POWER/COAX PIN CONTACTS

**** = THE NUMBER "0" FOLLOWING "N" HAS NO SIGNIFICANCE

WIRE LENGTH** (+1.00 / -0.00)

STRANDED

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

COAX WIRE ****

0 = NO SIGNIFICANCE

WIRE COLOR/TYPE

N = NONE (MICRO SOLDER CUP/COAX

CONFIGURATION ONLY)****

0 = WHITE STRANDED*

1 = YELLOW STRANDED

2 = 10 SOLID COLORS REPEATED*

3 = FULL COLOR CODE STRANDED

9 = SOLID COPPER*

COAX/POWER WIRE TYPE AND SIZE

0 = WHITE 16 AWG STRANDED*

1 = YELLOW 16 AWG STRANDED

3 = FULL COLOR CODE 16 AWG STRANDED

5 = MIL-C-17/93-RG178 (COAX)

6 = MIL-C-17/93-RG196 (COAX)

7 = SOLID COPPER

(OTHER CABLE OPTIONS ARE AVAILABLE,

CONTACT CRISTEK FOR DETAILS)

MATERIALS AND FINISHES ARE IAW MIL-DTL-83513 WHERE APPLICABLE.

FOR DETAILS SEE MIL-SPEC OR WWW.CRISTEK.COM

1. MATERIALS:

SHELL - ALUMINUM ALLOY/STAINLESS STEEL

INSULATOR - GLASS FILLED THERMOPLASTIC

CONTACT - COPPER ALLOY

INTERFACIAL SEAL - FLUOROSILICONE BLEND (20P4/20C4 ONLY)

2. FINISH:

SHELL - SEE OPTIONS ABOVE

CONTACT - GOLD OVER NICKEL

3. SPECIFICATIONS:

CURRENT RATING (SIGNAL) ----- 3 AMPS MAX

CURRENT RATING (POWER) ----- 13 AMPS MAX

TEMPERATURE RATING ----- -55° C TO +125° C

INSULATION RESISTANCE ----- 5000 MEGOHMS

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 LBS 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

TOLERANCE: .XXX ±.005

.XX ±.01

ANGLE ±1°

TITLE

**COMBO
MICRO AND COAXIAL CONTACTS
OR MICRO AND POWER CONTACTS**

SHT 2 OF 2

DWG. NO.

CCD

REV

H