

**NOTE:**

**MATERIAL**

HOUSING	PBT UL94V-0, BLACK
FLANGE	PBT UL94V-0, BLACK
CONTACT	BRASS, PLATING P/N KEY BELOW
SHELL	STEEL, NICKEL
O-RING	SILICONE
SEALING COMPOUND	EPOXY
HARDWARE	BRASS; NICKEL PLATED

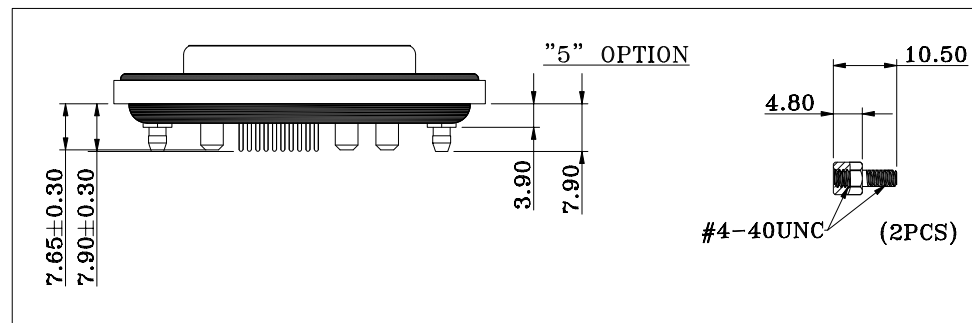
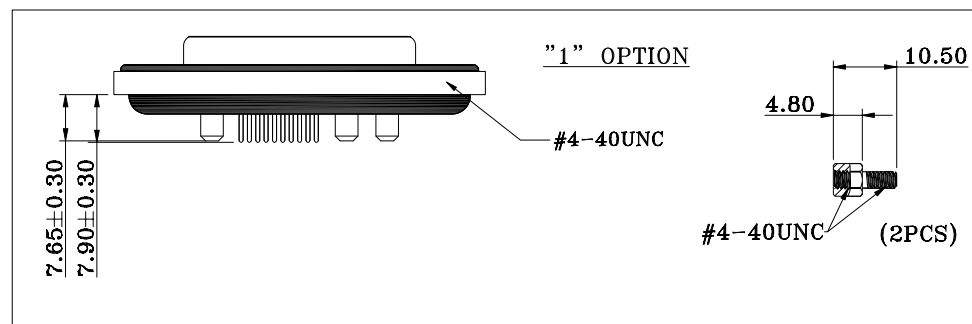
**ELECTRICAL**

SIGNAL CONTACT RATED CURRENT	5A
POWER CONTACT RATED CURRENT	P/N KEY BELOW
VOLTAGE	1000 VAC 1 MIN
INSULATOR RESISTANCE	5 GOhms MIN.
SIGNAL CONTACT RESISTANCE	10 mOhms MAX.
POWER CONTACT RESISTANCE	2.0 mOhms MAX.
WATER PROOF	IP67

**ENVIRONMENT**

OPERATION TEMPERATURE	-25°C TO +85°C
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**HARDWARE OPTIONS**



CDFV13W3213LYYY

SERIES	CDF = COMBO DSUB FLANGE
CONTACT TYPE	V = VERTICAL PCB MOUNT
POSITION	13W3
GENDER	2 = FEMALE
POWER CONTACT AMPERAGE	2 = 20 AMPS 4 = 40 AMPS
HARDWARE OPTIONS	1 = 4-40 THREADED INSERTS/4-40 JACKSCREWS 5 = 4-40 THREADED BOARD LOCKS & 4-40 JACKSCREWS
CONTACT PLATING OPTIONS	1 = GOLD FLASH 2 = 30u" GOLD PLATING

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DRAWN:  
J. KADEL  
DATE:  
04/27/2020

**TOLERANCES**

X.	±0.40
.X	±0.30
.XX	±0.20
.XXX	±0.10

UNITS = mm

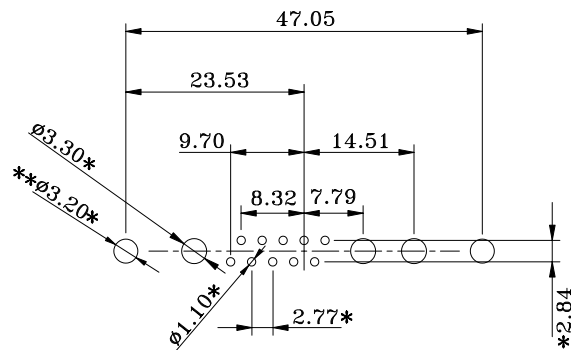
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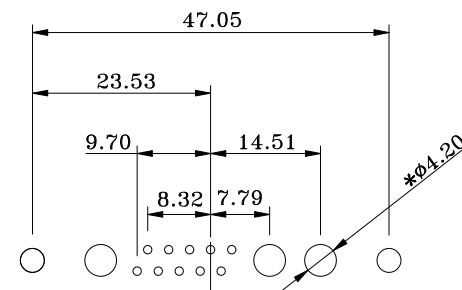
SCALE: NTS	SHEET 1	OF 2	REV 1
DWG NO.			CDFV13W3213LYYY

**\*\* $\phi$ 3.20MM HOLES NOT NEEDED FOR "1" HARDWARE OPTION**

**20 AMP CONFIGURATION**



**40 AMP CONFIGURATION**



**RECOMMENDED PCB LAYOUT**

**\*TYPICAL // HOLE SIZE MAY NOT BE SUITABLE FOR YOUR SPECIFIC APPLICATION**

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**TOLERANCES**

X.  $\pm 0.40$   
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UNITS = mm

**DO NOT SCALE FROM DRAWING**

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SCALE: NTS	SHEET 2	OF 2	REV 1
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DWG NO. **CDFV13W3213LYYY**