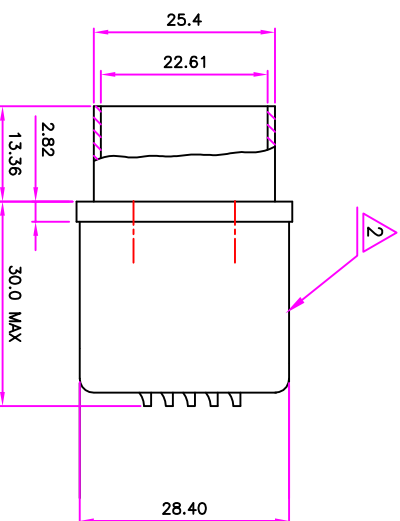
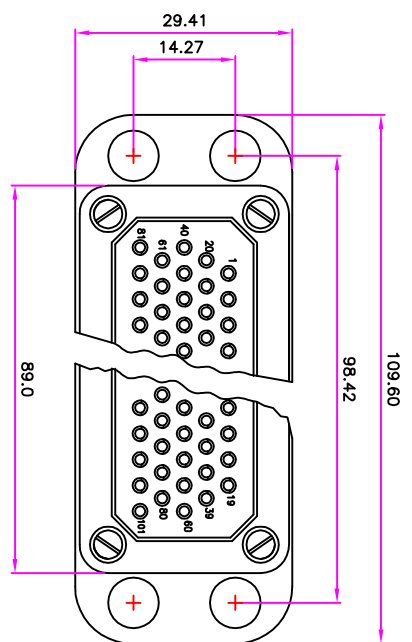


REV.	DESCRIPTION	ECO #	DATE	APPROVED
A	SEE ECO	03-0814.01.08	NIR	



VIEW	TITLE:	NAME & SIGNATURE	DATE
CD	PROTECTED FILTERED CONNECTOR DPK 101P FOR MIL-C-83733	POGREBINSKY V.	14.01.08
PA	DESIGN	ZARHIN Y.	14.01.08
NIR NISSIM	YOFFE R.	POGREBINSKY V.	14.01.08
REV. A	APPROV.	NIR NISSIM	14.01.08

DWG. NO.: KB166201B003

- NOTES:
1. THE CONNECTOR BASED ON "ITT Cannon" P/N DPKB-101PC-7FO
  2. MARKING: P/N 4516-2110-00 REV.D, DATE CODE, MFR

FILE NAME: CD DPK-SJFA KB166201B003

ENVIRONMENTAL CONDITIONS:	LEVEL	DURATION	ECT	ISO 2100	ISO 7137	MIL-STD-1344	MIL-STD-202
VIBRATION	UP TO 15g RMS	20-2000Hz	RANDOM	12		2005.1	201,204,215
VIBRATION	UP TO 15g PTP	20-2000Hz	SINE	12		2005.1	201,204,215
SHOCK	100g X 6ms			7		2004.1	213
ACCELERATION	40g			19			
TEMP	-55°C TO +125°C		OPERATING AND STORAGE				
HUMIDITY	UP TO 100%		STORAGE TEMP. RANGE	18 b			
CONTRACT ENDU.	MORE THAN 500 MATING CYCLES			18		1002.2	

ELECTRICAL:

l = 7.54dc

TYPICAL CAP. = PER TABLE 1 AND TABLE 3 ±20%

CONTRACT No.	CAP. pF	W.V. Vdc	D.W.V. Vdc	FILTER TYPE	ATT. db
3,4,6,12-14,28,38,58,59,71,87	9400	200	500	PI	2 18 60 55
1,2,5,7,8,11,25-27,29	3600	200	500	PI	12 58 51
32,34,50-53,63,72,73,99,100	470	200	500	C	1 16 43
9,10,20-24,30,31,33,35					
36,40-45,47-49,60-62,64,65					
67-70,81-83,88-90					
46,54-57,66,74,78,80,84,93					
94,98					
75-77,79,85,86,91,92,95-97,101					

TABLE 2: LIGHTNING PROTECTION

tested at 0.1Vrms@1KHz

CONTRACT No.	Va	Vbd	Vc	ENERGY J	CAP. pF
1,2,8,14	5.8V	7.1V-8.7V	15.3V	0.3	3500
3,4,6,7,12,13,26,41,42,44,45,64,65,71,87	28V	30.5V-37.3V	58V	0.3	250
11,15-19,27,28,29,32,34,37-39,50-53,58,59,72,73	30V	37.0V-46.0V	65V	0.1	100
5,25,63,47-49,67-70,88-90,99,100	14V	15.9V-19.4V	30V	0.3	1100
46,54-57,66,74-80,84-86,91-98,101	-	-	-	-	-
9,10,20-24,30,31,33,35,36,40,43,60-62,81-83	6.3V	7.8V-9.4V	16.2V	0.3	100

PARAGRAPH PER

TABLE 3: POWER LINES ATTENUATION PER MIL-STD-220A (IN 50Ω SYSTEM NO LOAD)

CONTRACT No.	CAP. ±20%	W.V. Vdc	FILTER TYPE	ATT. db
15,16 TO 18,19	10uF	100	L	15 40 50 -
15,16	15uF	200	PI	9 45 55 50
18,19	15uF	200	PI	9 45 55 50
17,37	7.5uF	200	PI	1 45 55 50

MATERIAL:

- SHELL = ALUMINUM ALLOY, ELECTROLESS NICKEL.
- B. SHELL = ALUMINUM ALLOY, ELECTROLESS NICKEL.
- CONTACTS = COPPER ALLOY, GOLD PLATED OVER NICKEL.
- POTTING = EPOXY.

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