



$(1 f/b + 1 t/p) * R \text{ sense} = E \text{ error}$
 $\frac{6KV}{300M + 232K} = 1 f/b = 0.000020 = 20\mu A$
 $\frac{E \text{ error} = I \text{ correction}}{R \text{ isolation}} = \frac{6KV}{100M = 100K} = 1 t/p = 0.000060 = 60\mu A$
 $R \text{ sense} = 70 \text{ ohms}$ $R \text{ isolation} = 15K$
 $I \text{ correction}$

$(20\mu A + 60\mu A) * 70 \text{ ohms} = E \text{ error} = 5.6mV$
 $\frac{5.6mV = 1 \text{ correction}}{15K} = 0.373\mu A = 373nA$
 $6V = R \text{ correction} = 16M$
 $0.368\mu A$

Title		UV-HVPS-CONN-15	
Size	Number	Rev.	
A	UV-HVPS-CONN-15	C1	
Date	6/5/00	Drawn By	M.Z.
Filename	UV-HVPS-CONN-15P2_rev1.dwg	Sheet	2 Of 3

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