After you specify the parameters, press Enter, the F3, or F12 key. The Design display is displayed.

**Bar Code Data:** The following explains the *Bar code data* prompt in detail. The valid set of characters and data lengths depend on the bar code type.

For a record layout of the printout format definition (PFD definition), you can enter a variable data field as "&<field name>.". You can see the list of fields and select one of them by placing the cursor in the *Bar code data* prompt and pressing the F4 key. The following shows valid characters and data lengths for each bar code type:

• 3-of-9 code, MHI/AIM USD-3

The following characters are valid.

0123456789 ABCDEFGHIJKLMNOPQRSTUVWXYZ -.\$/+% blank

The length of data can be up to 100 characters. When you want to add trailing spaces, enclose the data with apostrophes as follows:

MSI

The following characters are valid.

0123456789

The length of data can be up to 15 characters for no check digit, up to 14 for 1 check digit, and up to 13 for 2 check digits. Specify the check digit through the define bar code detail operation. The default is no check digit.

• UPC/CGPC-Version A

The following characters are valid.

0123456789

The length of data can be 11, 13, or 16 characters. The first digit is the number-system digit. The next 10 digits are the article-number digits. If the length of data is 13 characters, the last 2 digits are interpreted as the UPC two-character supplement. If the length of data is 16 characters, the last 5 digits are interpreted as the UPC five-character supplement.

• UPC/CGPC-Version E

The following characters are valid.

0123456789

The length of data can be 10, 12, or 15 characters. From the first 10 digits, the printer generates both the check digit and the six characters to be bar-coded. The check digit is not bar-coded. It is used only to assign odd or even parity to the six bar-coded digits.

If the length of data is 12 characters, the last 2 digits are interpreted as the UPC two-character supplement. If the length of data is 15 characters, the last 5 digits are interpreted as the UPC five-character supplement.

EAN-8 (includes JAN-short)

The following characters are valid.

0123456789