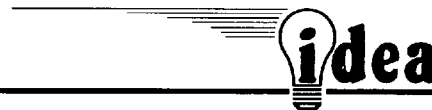


4.0-inch (102 mm) 4 x 4 Dot Matrix LED Display D-N944, D-K944 and DEGK944 Series



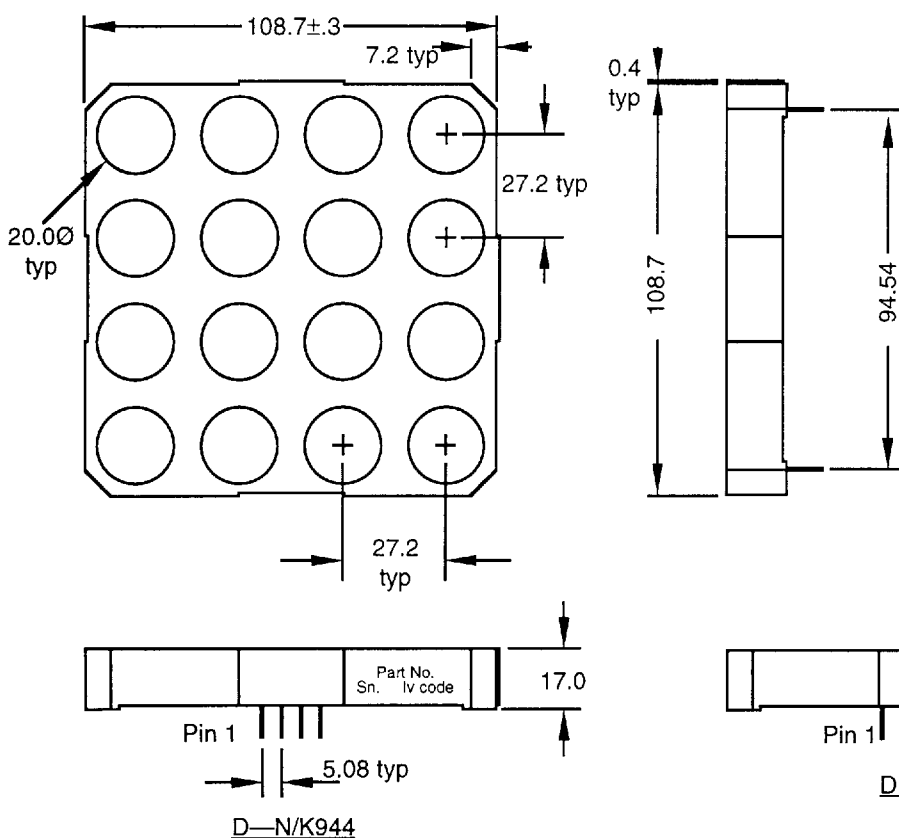
This is the largest dot matrix in production with each dot measuring 20 mm in diameter. It is only available in a 4 x 4 matrix because of size and weight constraints. For best results, we can offer single color versions with 10 dice per color. For special effects, a 10 dice X-red display can produce a brilliant sign with many grey levels.

SELECTION GUIDE:

Color	E Red	X Red	G Green	Y Yellow
Wavelength	635 nm	660 nm	565 nm	585 nm
Iv (mcd/dot)	16.0	48.0	20.0	16.0
Column Anode	DEN944	DXN944	DGN944	DYN944
Column Cathode	DEK944	DXK944	DGK944	DYK944

E/G Bi-Color
635/565 nM
16.0/20.0
-
DEGK944

MECHANICAL DIMENSIONS:



Notes:

1. Single color units use 4 dice per dot. The 4 dice are connected in series.
2. DEGK944 uses 5 dice per dot per color connected in series.
3. Allowance should be made for Vf accordingly.

PIN ASSIGNMENTS:

PIN NO.	D-N 944	D-K 944	DEGK 944	PIN NO.	D-N 944	D-K 944	DEGK 944
1	- R4	+ R4	- C1e	7	+ C2	- C2	- C4g
2	- R3	+ R3	+ R4	8	+ C1	- C1	+ R2
3	+ C3	- C3	- C2e	9			- C3e
4	+ C4	- C4	+ R3	10		e = E red	- C2g
5	- R1	+ R1	- C3g	11		g = G green	+ R1
6	- R2	+ R2	- C4e	12			- C1g

* Specifications subject to change without notice. All dimensions are in mm±0.3 unless stated otherwise.

* Iv typ. measured @ If = 48 mA, 1/8 duty. All pins are 0.6 mmØ unless stated.