

# MODIFIED ATTACHMENT FOR DCL 423

Showing "APPROVED WORDING" if different  
FROM "PROPOSED WORDING":

## 1.4.2 Component Type Variants

The component type variants applicable to this specification are as follows:

Variant Number	Based on Type	Case	Lead/Terminal Material and finish	Weight max g
01	2N3700	TO-18	D2	0.4
02	2N3700	TO-18	D3 or D4	0.4
04	2N3700	CCP	2	0.06
05	2N3700	CCP	4	0.06
06	2N3700	CCP	2	0.06
07	2N3700	CCP	4	0.06

(4 Terminal)

(3 Terminal)

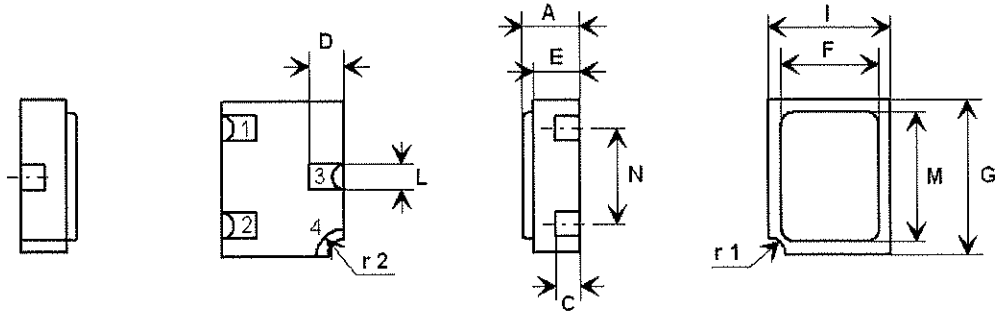
Note: Based on Type number as per applicable Detail Spec i.e.:  
2N3700, 2N2907A, 2N5401, 2N4033, 2N2369A, 2N2484

## 1.7 Functional Diagram

see mark-up of Para 1.7 attached: \*

4

1.6.3 Chip Carrier Package (CCP) - 4 terminal



Symbols	Dimensions mm		Notes
	Min	Max	
A	1.15	1.5	
C	0.45	0.56	2
D	0.6	0.91	2
E	0.91	1.12	
F	1.9	2.15	
G	2.9	3.25	
I	2.4	2.85	
L	0.4	0.6	2
M	2.4	2.65	
N	1.8	2	
r1	0.3 TYPICAL		1
r2	0.56 TYPICAL		1

**NOTES:**

- Terminal identification is specified by reference to the corner notch position where terminal 1 = emitter, terminal 2 = base, terminal 3 = collector, terminal 4 = ~~S~~ shielding connected to the lid.
- Applies to ~~all~~ terminals ~~1, 2, 3~~ S

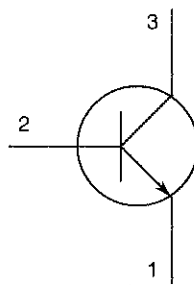
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L	0.4	0.6	2
M	2.4	2.65	
N	1.8	2	
r	0.3 TYPICAL		1

**NOTES:**

- Terminal identification is specified by reference to the corner notch position where terminal 1 = emitter, terminal 2 = base, terminal 3 = collector.
- Applies to all terminals.

\* 1.7

FUNCTIONAL DIAGRAM



- Emitter.
- Base.
- Collector.
- Shield

3 terminal

**NOTES:**

- For TO-18, the collector is internally connected to the case.
- For CCP, the lid is not connected to any terminal.
- For 4 terminal CCP (Variants 06, 07), the shielding terminal is connected to the lid.

1.8

MATERIALS AND FINISHES

Materials and finishes shall be as follows:

- Case
  - For the metal can package the case shall be hermetically sealed and have a metal body with hard glass seals.
  - For the chip carrier package the case shall be hermetically sealed and have a ceramic body with a Kovar lid.
- Leads/Terminals