



TSOP Tray JEDEC Matrix IC Trays

TSOP IC Matrix Trays Conform to JEDEC Standards



TSOP Type I Body + Leads Size	Quantity Pockets Per Tray	Matrix Row-Column	JEDEC Reference	Order TopLine Tray Part Number
8 x 13.4mm	234	13 x 18	CS-008BA	TTRAY8x13.4mm-13x18
8 x 20mm	156	12 x 13	CS-008BD	TTRAY8x20mm-12x13
10 x 14mm	160	10 x 16	CS-008CA	TTRAY10x14mm-10x16
10 x 20mm	120	10 x 12	CS-008CD	TTRAY10x20mm-12x10
12 x 20mm	96	8 x 12	CS-008DD	TTRAY12x20mm-8x12
14 x 20mm	91	7 x 13	CS-008ED	TTRAY14x20mm-7x13

TSOP Type II Body Size	Quantity Pockets Per Tray	Matrix Row-Column	JEDEC Reference	Order TopLine Tray Part Number
10.16 x 18.4mm (0.4"x0.725")	135	9 x 15	CS-005AB	T2TRAY10X18.4mm-9x15
10.16 x 20.95mm (0.4"x0.825")	117	9 x 13	CS-005AC	T2TRAY10X21mm-9x13
10.16 x 22.22mm (0.4"x0.875")	108	9 x 12	CS-005AF	T2TRAY10X22mm-9x12
10.16 x 26mm (0.4"x1.02")	99	9 x 11	CS-005AG	T2TRAY10X26mm-9x11

Optional Features:

Specify max temperature: 125°C, 140°C, 150°C, 180°C when ordering.
Normal tray color is Black.

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**JEDEC Matrix Trays
X, Y and Step Dimensions
See Drawing Last Page**

Dimensions in mm

TopLine does not guarantee accuracy of this list.

TSOP (T1)

Type 1	JEDEC Standard	Var	Body Size	Columns N1	Rows N2	Cells N3	Corner (+X) M	Corner (-Y) M1	-Y step M2	+X Step M3
TSOP (I)	CS-008	AA	6 X14mm (24L)	16	15	256	8.70	15.00	19.00	7.90
TSOP (I)	CS-008	AB	6 x16mm (24L)	16	15	240	8.70	14.00	20.50	7.90
TSOP (I)	CS-008	AC	6 x 18mm (24L)	16	13	208	8.70	16.50	23.50	7.90
TSOP (I)	CS-008	AD	6 x 20mm (24L)	16	12	192	8.70	17.25	25.50	7.90
TSOP (I)	CS-008	BA	8 x 14mm (32L)	13	16	208	8.85	15.00	19.00	9.85
TSOP (I)	CS-008	BB	8 x 16mm (32L)	13	15	195	8.85	14.00	20.50	9.85
TSOP (I)	CS-008	BC	8 x 18mm (32L)	13	13	169	8.85	16.50	23.50	9.85
TSOP (I)	CS-008	BD	8 x 20mm (32L)	13	12	156	8.85	14.50	26.00	9.85
TSOP (I)	CS-008	CA	10 x 14mm (40L)	10	16	160	14.40	15.00	19.00	11.90
TSOP (I)	CS-008	CB	10 x 16mm (40L)	10	15	150	14.40	14.00	20.50	11.90
TSOP (I)	CS-008	CC	10 x 18mm (40L)	10	13	130	14.40	16.50	23.50	11.90
TSOP (I)	CS-008	CD	10 x 20mm (40L)	10	12	120	14.40	17.25	25.50	11.90
TSOP (I)	CS-008	DA	12 x 14mm (48L)	8	16	128	15.80	15.00	19.00	14.90
TSOP (I)	CS-008	DB	12 x 16mm (48L)	8	15	120	15.80	14.00	20.50	14.90
TSOP (I)	CS-008	DC	12 x 18mm (48L)	8	13	104	15.80	16.50	23.50	14.90
TSOP (I)	CS-008	DD	12 x 20mm (48L)	8	12	96	15.80	17.25	25.50	14.90
TSOP (I)	CS-008	EA	14 x 16mm (56L)	7	16	112	18.15	15.75	18.90	16.60
TSOP (I)	CS-008	EB	14 x 18mm (56L)	7	14	98	18.15	21.65	20.90	16.60
TSOP (I)	CS-008	EC	14 x 20mm (56L)	7	13	91	18.15	20.10	22.90	16.60

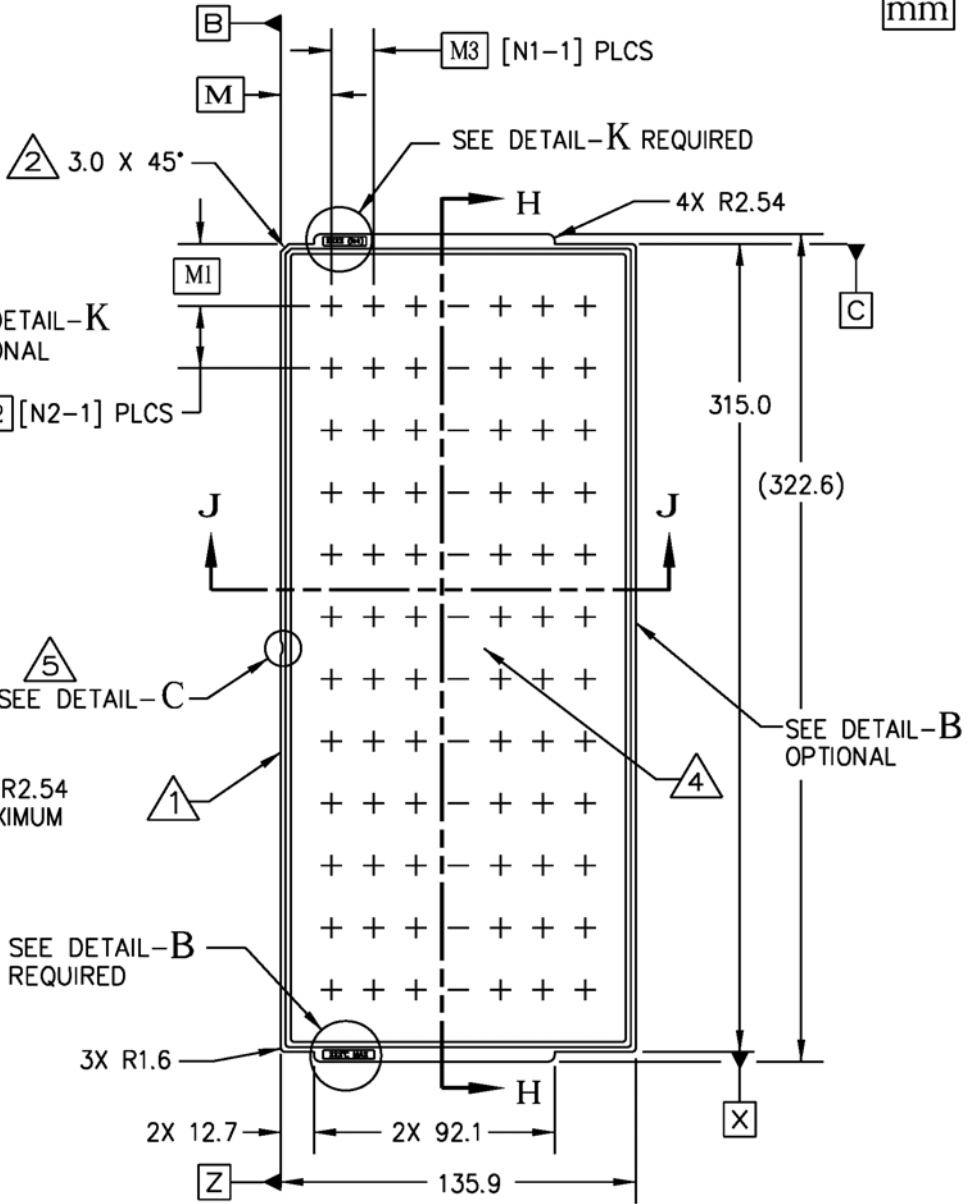
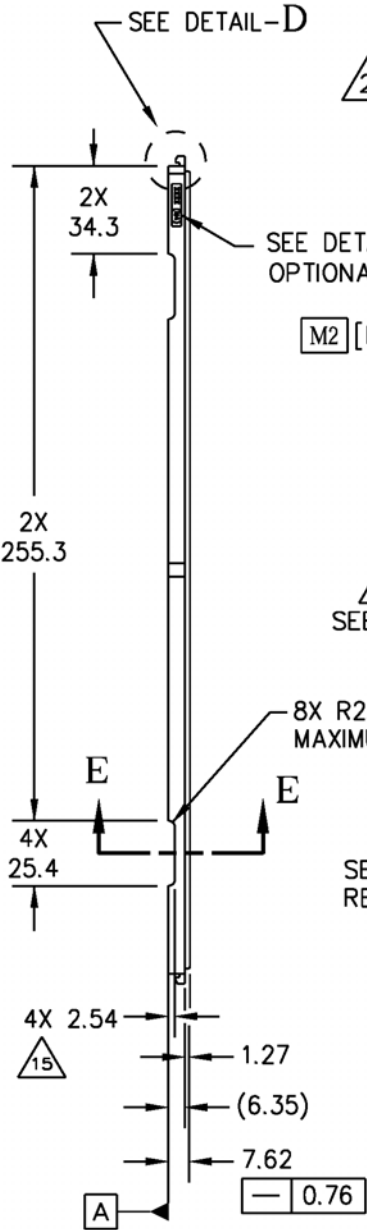
TSOP (T2)

Type 2	JEDEC Standard	Var	Lead Count and Body Size	Columns N1	Rows N2	Cells N3	Up Left Corner (+X) M	Up Left Corner (-Y) M1	-Y step M2	+X Step M3
TSOP(II)	CS-005	AA	7.62 x 17.14mm	11	16	176	12.30	13.95	19.14	11.13
TSOP(II)	CS-005	AB	10.16 x 18.41mm	9	15	135	13.27	14.56	20.42	13.67
TSOP(II)	CS-005	AC	10.16 x 20.95mm	9	13	117	13.27	19.74	22.96	13.67
TSOP(II)	CS-005	AE	7.62 x 18.41mm	11	15	165	12.30	14.56	20.42	11.13
TSOP(II)	CS-005	AF	10.16 x 22.22 (23.5)mm	9	12	108	13.27	15.60	25.80	13.67
TSOP(II)	CS-005	AG	10.16 x 26.03mm	9	11	99	13.27	16.50	28.20	13.67

Typical JEDEC Outline

mm

L. SIDE VIEW



PLAN VIEW

