

NOTES:

1. DIMENSIONING AND TOLERANCING CONFORMS TO ASME Y14.5-1994.
2. DATUM PLANE H COINCIDENT WITH BOTTOM LEAD, WHERE LEAD EXITS THE BODY.
3. TO BE DETERMINED AT SEATING PLANE C.
4. DATUMS A AND B TO BE DETERMINED AT DATUM H.
5. ALL DIMENSIONS IN MILLIMETERS.
6. DIMENSION D AND E1 ARE DETERMINED AT DATUM H. DIMENSION D DOES NOT INCLUDE MOLD PROTRUSIONS OR GATE BURRS. MOLD PROTRUSIONS AND GATE BURRS SHALL NOT EXCEED 0.15 mm PER SIDE. DIMENSION E1 DOES NOT INCLUDE INTERLEAD MOLD PROTRUSIONS. INTERLEAD MOLD PROTRUSIONS SHALL NOT EXCEED 0.25mm PER SIDE.
7. THESE DIMENSIONS APPLY TO FLAT SECTION OF THE LEAD BETWEEN 0.10 mm AND 0.25 mm FROM THE LEAD TIP.
8. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION/INTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL NOT CAUSE THE LEAD TO BE WIDER THAN THE MAXIMUM b DIMENSION BY MORE THAN 0.13 mm. DAMBAR INTRUSION SHALL NOT CAUSE THE LEAD TO BE NARROWER THAN THE MINIMUM b DIMENSION BY MORE THAN 0.07 mm.
9. N IS THE MAXIMUM NUMBER OF LEADS.
10. A1 IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT OF THE PACKAGE BODY.
11. FOR LEAD IDENTIFICATION PURPOSES ONLY. LEADS BETWEEN N1 AND N2 AND BETWEEN N3 AND N4 WILL BE OMITTED IF VALUES FOR N1, N2, N3 AND N4 ARE LISTED IN VARIATION TABLE. N5 IS THE ACTUAL LEAD COUNT.
12. THIS PART IS COMPLIANT WITH JEDEC SPECIFICATION MS-024 ISSUE H, FOR VARIATIONS BA, BB, AND BC EXCEPT ON A2 MINIMUM DIMENSION.

COMMON DIMENSIONS				
SYMBOLS	MIN	NOM	MAX	NOTE
A	----	----	1.20	
A1	0.05	0.10	0.15	10
A2	0.933	0.983	1.05	12
c	0.10	----	0.21	7
c1	0.10	0.127	0.16	7
E	11.76 BASIC			
E1	10.16 BASIC			
L	0.40	0.50	0.60	
L1	0.80 REF.			
R	0.12	----	0.35	
R1	0.12	----	----	
φ	0*	----	8*	
TOLERANCE OF FORM AND POSITION				
ooo	0.13			
ddd	0.20			

SYMBOLS	VARIATIONS DIMENSIONS IN MILLIMETERS			NOTE
	BA	BB	BC	
b	MIN	0.30	0.30	0.30
	NOM	----	----	----
b1	MAX	0.52	0.45	0.45
	MIN	0.30	0.30	0.30
D	NOM	0.40	0.356	0.356
	MAX	0.45	0.40	0.40
ZD	MIN	20.95 BSC	20.95 BSC	20.95 BSC
	NOM	0.95 REF.	0.875 REF.	0.875 REF.
E	MIN	1.27 BSC	0.80 BSC	0.80 BSC
	NOM	10*	10*	10*
φ1	MIN	15*	15*	15*
	MAX	20*	20*	20*
φ2	MIN	10*	10*	10*
	NOM	15*	15*	15*
N	MAX	20*	20*	20*
	N	32	50	50
N1	----	11	----	11
N2	----	15	----	11
N3	----	36	----	11
N4	----	40	----	11
N5	32	44	50	11
TOLERANCE OF FORM AND POSITION				
bbb	0.20			
ccc	0.10			

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PACKAGE OUTLINE: TSOP(I),
10.16 x 20.95 mm BODY, 0.983 mm THICK,
0.90/0.10 mm FORM, (AT1)

DATE	REV	DESCRIPTION	DATE	REV	DESCRIPTION
A3	1	SEE PAGE 1	3/3/07	335907	00
FORMING IS AN ACTUAL SCALE			FORMING IS AN ACTUAL SCALE		
FORM NO. MIF_LT_74.DWG			FORM NO. MIF_LT_74.DWG		
00000/00	001-0000-3817	SCALE	1:1	2 of 2	