

DO NOT SCALE
FROM THIS PRINT

Figure 1: Pin layout for 01-04 Quad Flat Pack (QFP) package. The diagram shows a top-down view of the package with pins numbered 01 to 04. Dimensions are given in inches and millimeters. The total width is (NO OF POSITIONS x .07874 [2.00]) ± .000 [0.00] / ± .010 [2.5]. The total height is .315 [8.00] REF. The pin pitch is .078 REF [1.97]. The pin width is .155 REF [3.94]. The package is labeled '01-04' and 'C1-B-DC'.

QUAD — 05
DOUBLE — 03
SINGLE — 02

TMM-50-S
TMM-50-D
TMM-50-Q
(-S SHOWN)

T 1013 XX Y 2

— .0197 SQ. POST
[.500]

2° MAX SWAY
EITHER DIRECTION

.0787
[2.00]

C3-A-VM

NO.	DESCRIPTION	SUFFIX	T
1.	MAX. ALLOWABLE BOW: .005 IN/IN [mm/mm] AFTER ASSEMBLY.	-01	T-1S
2.	MAX. PIN ROTATION IN BODY: 2°	-02	T-1S
3.	PUSHOUT FORCE SHALL BE 1 lb MIN.	-03	T-1S
4.	⊙ REPRESENTS A CRITICAL DIMENSION.	-04	T-1S
5.	TAIL WILL BE SHEARED ON -.04 & -.05, REFERENCE TABLE 1.	-05	T-1S
6.	MAX CUT FLASH .010 [.25].	-06	T-1S
7.	MAX SHEAR BURR .003 [.08].		
8.	ORIENTATE PINS TO PREVENT BANDOLIER MARKS FROM SHOWING IN THE POST AREA. (SEE TABLE 3)		
9.	APPROVED FOR WAVE SOLDER APPLICATION ONLY.		
10.	RETAINING CLIP FOR -.06 LEAD STYLE ONLY.		

CRITICAL DIMENSION INSPECTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
FILL T-1S13	C2*, C3
REPRESS METAL WASHER	C2*
MULTI CUT	C1
* WHERE APPLICABLE	

MATERIAL:
BODIES:
LIQUID CRYSTAL POLYMER
COLOR: BLACK
TERMINALS:
PHOSPHOR BRONZE, ALLOY

CS	TITLE: 2mm TERMINAL STRIP ASSEMBLY	DWG NO: TMM-1XX-XX-XX-X-XX-XXX SHEET 1 OF 2

TMM-1XX-XX-XX-X-XX-XXX

NO. OF POSITIONS
-01 THRU -50

TERMINAL SPEC
SEE TABLE 1

PLATING SPECIFICATION

- G: 20# GOLD IN THE CONTACT AREA, 3 GOLD ON TAIL
- T: MATTE TIN CONTACT AND TAIL
- S: 30# SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- L: 10# GOLD IN THE CONTACT AREA, MATTE TIN ON TAIL
- F: 3# FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30# HEAVY GOLD IN CONTACT AREA, 3 ON TAIL
- SM: 30# SELECTIVE GOLD IN CONTACT AREA,, MATTE TIN ON TAIL
- TM: MATTE TIN CONTACT AND TAIL
- L: 10# GOLD IN THE CONTACT AREA, MATTE TIN ON TAIL
- FM: 3# FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

OPTION
POLARIZATION
SPECIFY POS -XXX AS
POS TO BE OMITTED

☐ OPTION

**** -MW: METAL WASHER**
(-D & -Q BODY SPECS ONLY)
(SEE FIG. 2, SHT. 2)
(30 POS PER ROW MAX)
(SEE TABLE 2 PAGE 2)

-RC: RETAINING CLIP FOR IDC
USE LTC-09, DOUBLE ROW ONLY,
REQUIRES 4 POSITIONS MINIMUM,
NOT FOR USE WITH -MW OPTION,
SEE NOTES 9 & 10.

BODY SPECIFICATION

BODY SPECIFICATION
 -S: SINGLE (TMM-50-S)
 -D: DOUBLE (TMM-50-D)
 -Q: QUAD (TMM-50-Q)

EITHER DIRECTION
2" MAX TOE 

← .0787 [2.00]

$$\frac{-S}{\mathbb{Q}}$$
-D-Q

TABLE 1

SUFFIX	TERMINAL	POST "A" IN [MM]	TAIL "B" IN [MM]	CONTACT AREA "C" IN [MM]	STRAIGHT "L" (OVERALL LENGTH)
-01	T-1S13-20-XX-2	.126 [3.20]	.138 [3.50] REF	.100 [2.54] REF	.323 [8.20] REF
-02	T-1S13-20-XX-2	.146 [3.70]	.118 [3.00] REF	.100 [2.54] REF	.323 [8.20] REF
-03	T-1S13-20-XX-2	.158 [4.00]	.106 [2.70] REF	.100 [2.54] REF	.323 [8.20] REF
-04	T-1S13-20-XX-2	.075 [1.90]	.090±.010 [2.29±.25] (SEE NOTE 5)	.100 [2.54] REF	.323 [8.20] REF "BEFORE SHEAR"
-05	T-1S13-21-XX-2	.065 [1.65]	.090±.010 [2.29±.25] (SEE NOTE 5)	.080 [2.03] REF	.323 [8.20] REF "BEFORE SHEAR"
-06	T-1S13-02-XX-2	.126 [3.20]	.192 [4.88] REF	.100 [2.54] REF	.377 [9.58] REF

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MADE BY: REIDINGER 11-2-90

TMM-1XX-XX-XX-X-XX-XXX
SHEET 1 OF 2