

REVISION V

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:	TITLE:	DWG NO:
ONE PLACE DECIMALS ±.1	TWO PLACE DECIMALS ±.01	THREE PLACE DECIMALS ±.005	FOUR PLACE DECIMALS ±.0020	ANGLES ± 2°	LOW PROFILE TERMINAL ASSEMBLY	TLW-1XX-XX-XXX-X-XXX-XX
						SHEET 1 OF 3

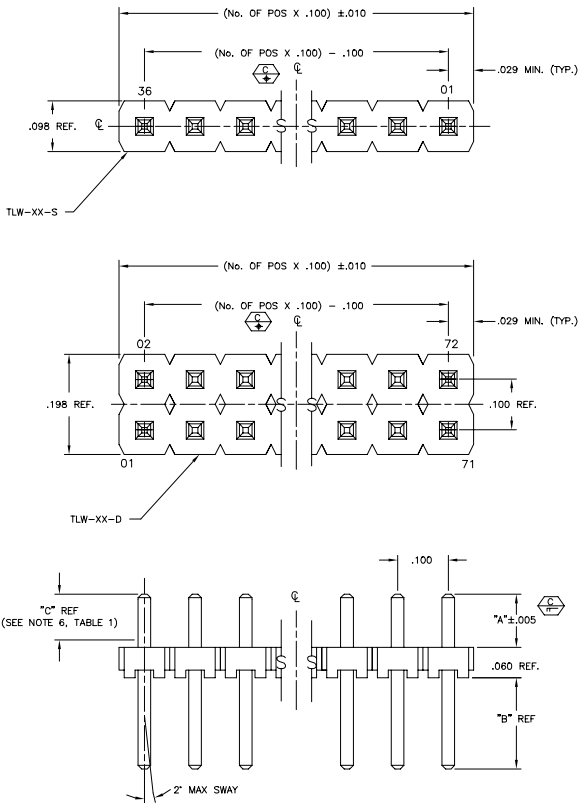


FIG. 1  
(THROUGH HOLE)

NOTES:

- 1.) MAX ALLOWABLE BOW AFTER ASSEMBLY: .005 IN/IN.
- 2.) TERMINAL PUSHOUT FORCE: 2 lbs. MIN.
- 3.) MAX PIN ROTATION IN BODY: 2°.
- 4.) Ⓢ REPRESENTS A CRITICAL DIMENSION.
- 5.) MAX CUT FLASH: .010.
- 6.) GOLD CONTACT AREA LOCATION FOR G, H, S, L, F, SM, LM, FM, & STL PLATINGS.
- 7.) ORIENTATE PINS TO PREVENT BANDOLIER MARKS FROM SHOWING IN THE POST AREA. (SEE TABLE 2)

**PROPRIETARY NOTE**  
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TLW-1XX-XX-XXX-X-XXX-XX

**No. OF POSITIONS**  
-01 THRU -40 (SINGLE)  
-01 THRU -36 (DOUBLE)

**LEAD STYLE**  
-01: (RA) SEE FIG. 2  
-05: (TH) SEE TABLE 1  
-06: (TH) SEE TABLE 1

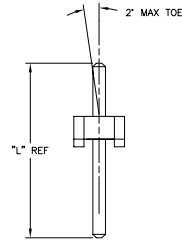
**PLATING SPECIFICATION**  
-G: GOLD (SPECIFY -G IN TERMINAL SUFFIX -XXX)  
-T: TIN (SPECIFY -T IN TERMINAL SUFFIX -XXX)  
-H: HEAVY GOLD (SPECIFY -H IN TERMINAL SUFFIX -XXX)  
-S: SELECTIVE (SPECIFY -S IN TERMINAL SUFFIX -XXX)  
-F: FLASH SELECTIVE (SPECIFY -F IN TERMINAL SUFFIX -XXX)  
-L: LIGHT SELECTIVE (SPECIFY -L IN TERMINAL SUFFIX -XXX)  
-TM: MATTE TIN (SPECIFY -T IN TERMINAL SUFFIX -XXX)  
-SM: SELECTIVE HEAVY GOLD, MATTE TIN TAIL (SPECIFY -S IN TERMINAL SUFFIX -XXX)  
-FM: FLASH SELECTIVE GOLD, MATTE TIN TAIL (SPECIFY -F IN TERMINAL SUFFIX -XXX)  
-LM: LIGHT SELECTIVE GOLD, MATTE TIN TAIL (SPECIFY -L IN TERMINAL SUFFIX -XXX)  
-STL: SELECTIVE GOLD, TIN/LEAD TAIL (SPECIFY -STL IN TERMINAL SUFFIX -XXX) (AVAILABLE IN STRAIGHT THROUGH HOLE VERSION ONLY)

**OPTIONS**  
-BLANK: THROUGH HOLE (SEE FIG 1)  
-RA: RIGHT ANGLE (LEAD STYLE -01 ONLY) (SEE FIG 2)  
-LL: TH WITH LOCKING LEADS (SEE FIG 4)  
-LA: RA WITH LOCKING LEADS (SEE FIG 3)

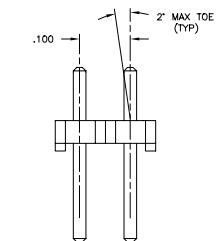
**POLARIZING SPECIFICATION**  
XXX INDICATES POS. TO BE OMITTED (IDENTIFY POSITION WITH FEET DOWN)

**ROW SPECIFICATION**  
-S: SINGLE ROW (USE TLW-XX-S)  
-D: DOUBLE ROW (USE TLW-XX-D)

LEAD	TERMINAL 1	TERMINAL 2	"L"	"A"	"B"	"C"
-05	T-1S6-21-XXX-2	N/A	.335	.105	.170	.050
-06	T-1S6-18-XXX-2	N/A	.300	.105	.135	.050
-01-S	T-1S6-22-XXX-2	N/A	.495	.230	N/A	.165
-01-D	T-1S6-22-XXX-2	-----	.495	.230	N/A	.165
-01-D	-----	T-1S6-23-XXX-2	.695	.230	N/A	.165



-S: SINGLE



-D: DOUBLE

MATERIAL:  
INSULATOR:  
LIQUID CRYSTAL POLYMER  
COLOR: BLACK  
TERMINALS:  
PHOSPHOR BRONZE

EXISPROD/ASSEMBLY/100  
TLWASM

**samtec**

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TLW-1XX-XX-XXX-X-XXX-XX  
SHEET 1 OF 3