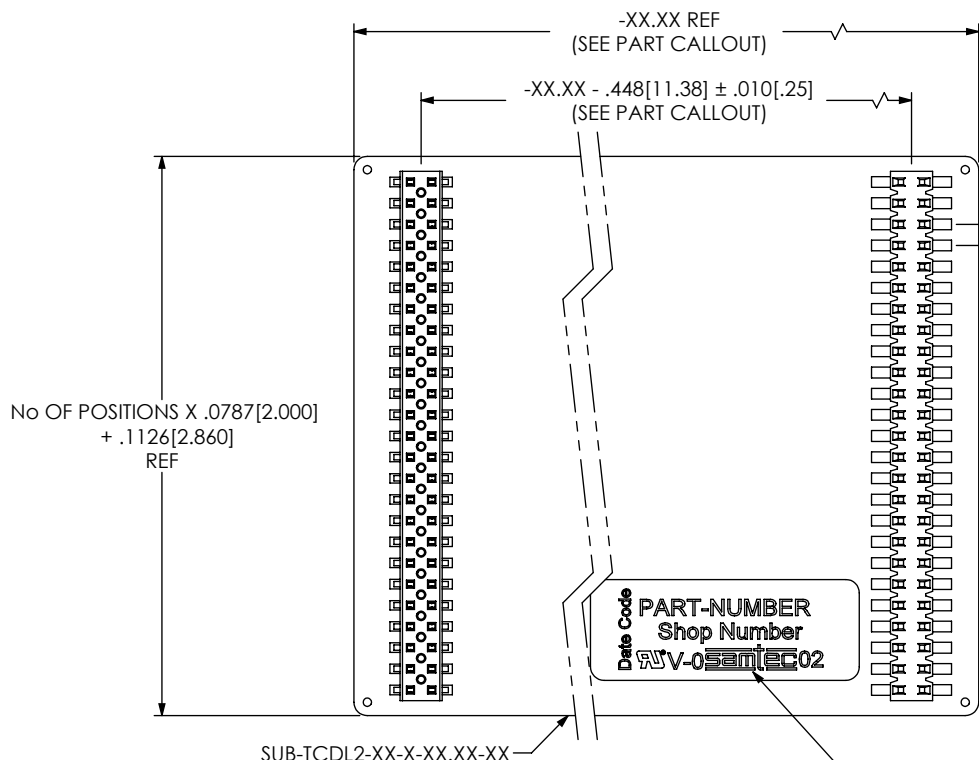


THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING



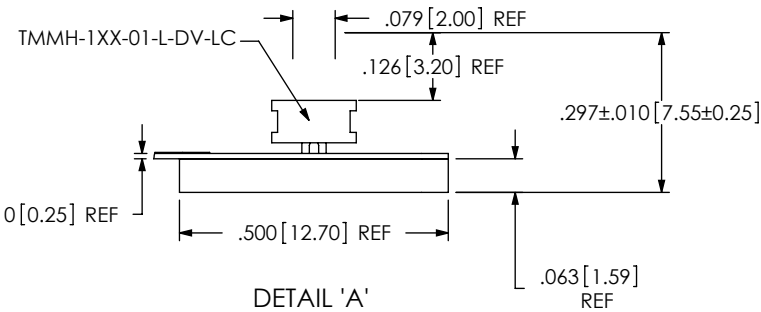
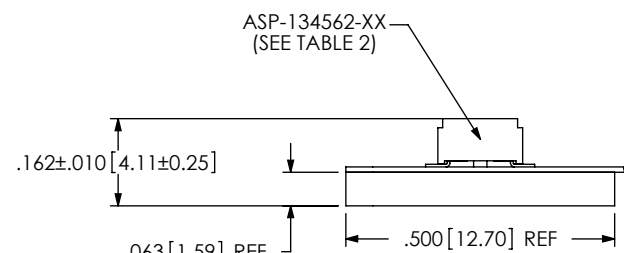
TCDL2-XX-X-XX.XX-XX

No OF POSITIONS
-10, -15, -20, -25

SIGNAL
-SE: SINGLE ENDED
-DP: DIFFERENTIAL PAIR

LENGTH (IN INCHES)
-05.00: 5.00[127.0] INCHES
-10.00: 10.00[254.0] INCHES

END SPECIFICATION
-T: TRANSFER END
(ONE CLT & ONE TMMH ASSEMBLY)
-F: FEMALE ENDS
(TWO CLT ASSEMBLIES)
-M: MALE ENDS
(TWO TMMH ASSEMBLIES)



NO OF POSITIONS	ASP NUMBER
10	ASP-134562-01
15	ASP-134562-02
20	ASP-134562-03
25	ASP-134562-04

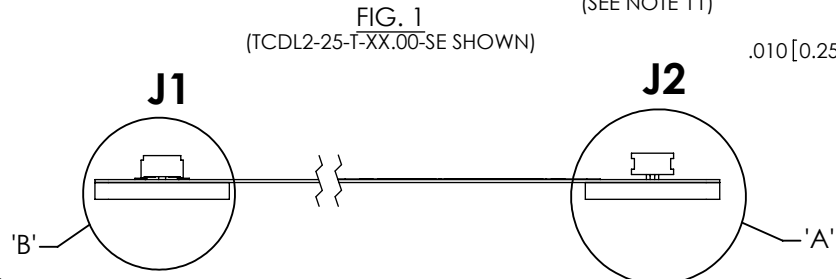
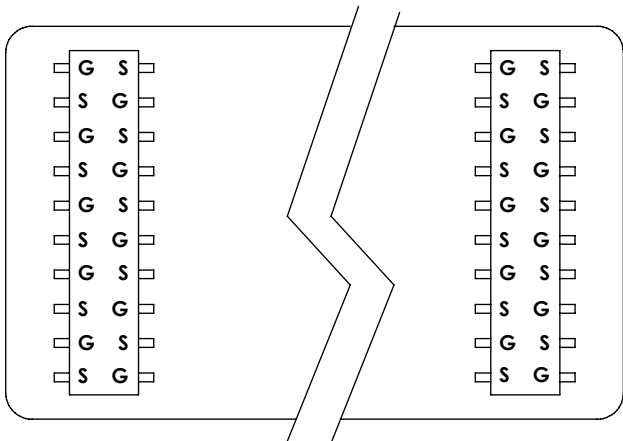


FIG. 1 (TCDL2-25-T-XX.00-SE SHOWN)

- NOTES:
1. © REPRESENTS A CRITICAL DIMENSION.
 2. ALL DIMENSIONS TO BE SYMMETRICAL ABOUT CENTERLINE WITHIN ±.002[.05] UNLESS OTHERWISE NOTED.
 3. PARTS ARE TO BE 100% ELECTRICALLY TESTED FOR CONTINUITY, OPENS/SHORTS.
 4. GERBER DATABASE TO TAKE PRECEDENCE OVER THIS DRAWING.
 5. PARTS TO BE BUILT/INSPECTED TO IPC 610 & 6013 CLASS 2.
 6. PARTS TO BE RoHS COMPLIANT.
 7. NOTE DELETED.
 8. PACKAGE PER CO-FL-WI-1026-M.
 9. IMPEDANCE:
SINGLE ENDED NETS: 0.0048" TRACES = 50 OHM +/- 10%
DIFFERENTIAL PAIR NETS: .0036" TRACES = 100 OHM +/- 10%
 10. TRACE WIDTH/SPACE:
SINGLE ENDED NETS TO BE .0048" +/- .001" WITH A SPACE OF .0048" +/- .001"
DP NETS TO BE .0036" +/- .001" WITH A SPACE OF .0067" +/- .001"
 11. HDRL-01 IS TO CONTAIN: PART NUMBER, SHOP NUMBER, DATE CODE, UL, AND SAMTEC LOGO.

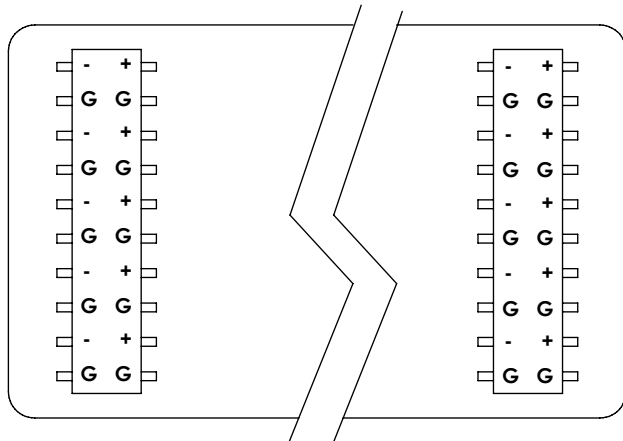
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01[.3] 2° .XXX: ±.005[.13] .XXXX: ±.0020[.051]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.	<p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 55322</p>
CONNECTOR MATERIALS: -INSULATORS: LCP -CONTACTS & TERMINALS: PHOS BRONZE		BY: B. PERRY 4/13/2007 SHEET 1 OF 2



RECOMMENDED SINGLE ENDED SIGNAL ASSIGNMENT FOR BEST PERFORMANCE
(ALL SIGNALS ROUTED, OUTSIDE ROW TO INSIDE ROW)

J1

J2




RECOMMENDED DIFFERENTIAL PAIR SIGNAL ASSIGNMENT FOR BEST PERFORMANCE
(ALL SIGNALS ROUTED, OUTSIDE ROW TO INSIDE ROW)

TABLE 1

FLEX PART #	ASSEMBLY PART NUMBER	FLEX PART #	ASSEMBLY PART NUMBER
FE-10514	TCDL2-10-T-05.00-DP	FE-10538	TCDL2-10-T-05.00-SE
FE-10515	TCDL2-10-F-05.00-DP	FE-10539	TCDL2-10-F-05.00-SE
FE-10516	TCDL2-10-M-05.00-DP	FE-10540	TCDL2-10-M-05.00-SE
FE-10517	TCDL2-15-T-05.00-DP	FE-10541	TCDL2-15-T-05.00-SE
FE-10518	TCDL2-15-F-05.00-DP	FE-10542	TCDL2-15-F-05.00-SE
FE-10519	TCDL2-15-M-05.00-DP	FE-10543	TCDL2-15-M-05.00-SE
FE-10520	TCDL2-20-T-05.00-DP	FE-10544	TCDL2-20-T-05.00-SE
FE-10521	TCDL2-20-F-05.00-DP	FE-10545	TCDL2-20-F-05.00-SE
FE-10522	TCDL2-20-M-05.00-DP	FE-10546	TCDL2-20-M-05.00-SE
FE-10523	TCDL2-25-T-05.00-DP	FE-10547	TCDL2-25-T-05.00-SE
FE-10524	TCDL2-25-F-05.00-DP	FE-10548	TCDL2-25-F-05.00-SE
FE-10525	TCDL2-25-M-05.00-DP	FE-10549	TCDL2-25-M-05.00-SE
FE-10526	TCDL2-10-T-10.00-DP	FE-10550	TCDL2-10-T-10.00-SE
FE-10527	TCDL2-10-F-10.00-DP	FE-10551	TCDL2-10-F-10.00-SE
FE-10528	TCDL2-10-M-10.00-DP	FE-10552	TCDL2-10-M-10.00-SE
FE-10529	TCDL2-15-T-10.00-DP	FE-10553	TCDL2-15-T-10.00-SE
FE-10530	TCDL2-15-F-10.00-DP	FE-10554	TCDL2-15-F-10.00-SE
FE-10531	TCDL2-15-M-10.00-DP	FE-10555	TCDL2-15-M-10.00-SE
FE-10532	TCDL2-20-T-10.00-DP	FE-10556	TCDL2-20-T-10.00-SE
FE-10533	TCDL2-20-F-10.00-DP	FE-10557	TCDL2-20-F-10.00-SE
FE-10534	TCDL2-20-M-10.00-DP	FE-10558	TCDL2-20-M-10.00-SE
FE-10535	TCDL2-25-T-10.00-DP	FE-10559	TCDL2-25-T-10.00-SE
FE-10536	TCDL2-25-F-10.00-DP	FE-10560	TCDL2-25-F-10.00-SE
FE-10537	TCDL2-25-M-10.00-DP	FE-10561	TCDL2-25-M-10.00-SE

F:\DWG\MISC\MKTG\TCDL2-XX-X-XX.XX-MKT.SLDDRW

<p>PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.</p>	 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 55322	
	SHEET SCALE: 1:0.333333	
	DESCRIPTION: FLEXIBLE CIRCUIT, 2MM PITCH MALE/FEMALE CONNECTORS DWG. NO. TCDL2-XX-X-XX.XX-XX	
BY: B. PERRY 4/13/2007		SHEET 2 OF 2