

DO NOT SCALE FROM THIS PRINT

- NOTES:
1. ---XX.XX REPRESENTS A CRITICAL DIMENSION.
 2. ALL DIMENSIONS TO BE SYMMETRICAL ABOUT CENTERLINE WITHIN $\pm 0.002[.05]$ 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 NA-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.

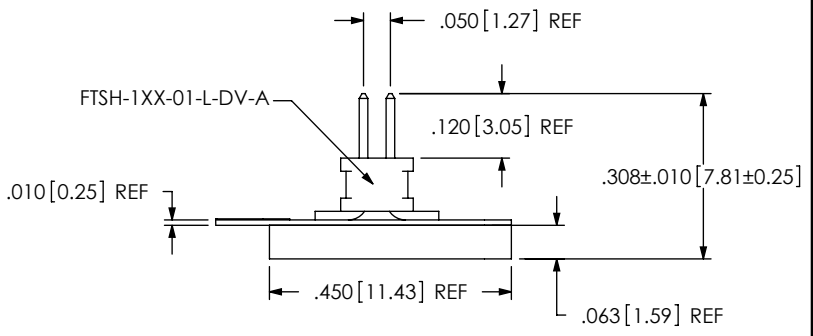
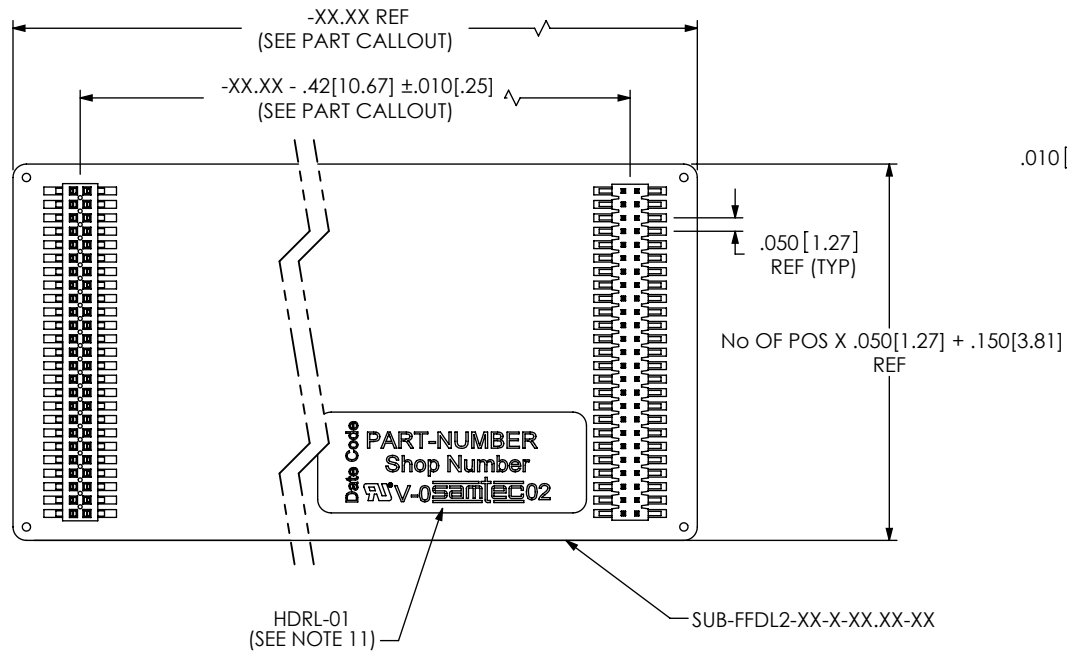
FFDL2-XX-X-XX.XX-XX

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

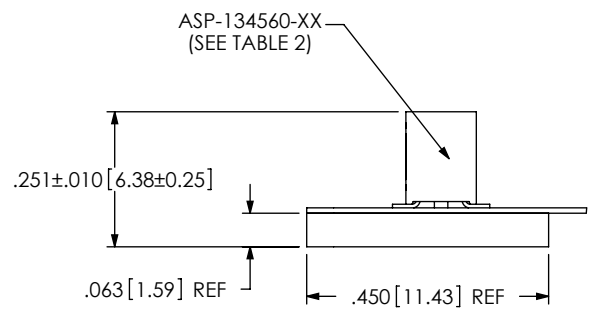
SIGNAL
-SE: SINGLE ENDED
-DP: DIFFERENTIAL PAIR

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

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



DETAIL 'A'



DETAIL 'B'

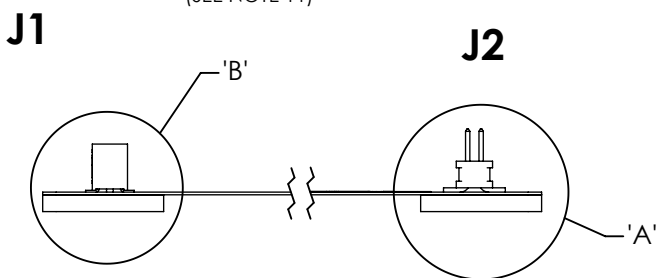
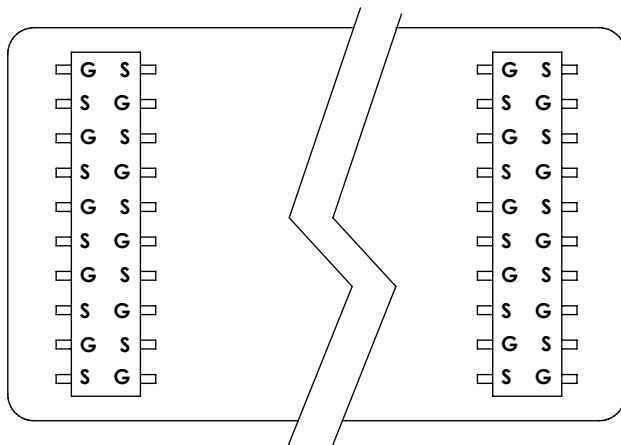


FIG. 1 (FFDL2-25-T-XX.XX-SE SHOWN)

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

NO OF POSITIONS	ASP NUMBER
10	ASP-134560-01
15	ASP-134560-02
20	ASP-134560-03
25	ASP-134560-04

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: $\pm 0.1[.3]$ 2° .XXX: $\pm 0.05[.13]$.XXXX: $\pm 0.020[.051]$	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.		
		520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 55322	
DO NOT SCALE DRAWING SHEET SCALE: 3:1		DESCRIPTION: FLEXIBLE CIRCUIT, .050[1.27] PITCH MALE/FEMALE CONNECTORS	
CONNECTOR MATERIALS: -INSULATORS: LCP -CONTACTS & TERMINALS: PHOS BRONZE		DWG. NO. FFDL2-XX-X-XX.XX-XX	
F:\DWG\MISC\MKTG\FFDL2-XX-X-XX.XX-MKT.SLDDRW		BY: B. PERRY 4/17/2007 SHEET 1 OF 2	

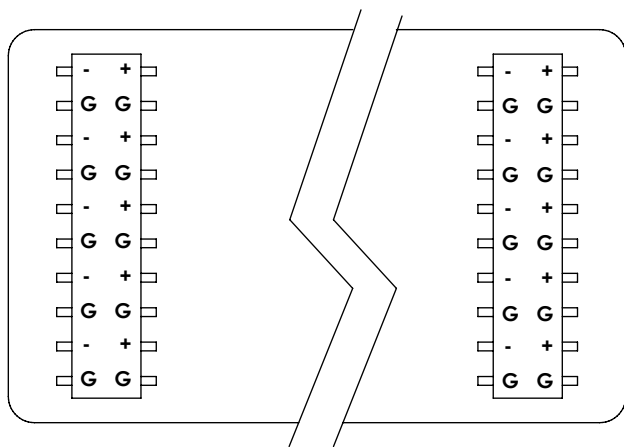


RECOMMENDED SINGLE ENDED SIGNAL ASSIGNMENT FOR BEST PERFORMANCE

L (ALL SIGNALS ROUTED, OUTSIDE ROW TO INSIDE ROW)

J1

J2




RECOMMENDED DIFFERENTIAL PAIR SIGNAL ASSIGNMENT FOR BEST PERFORMANCE

L (ALL SIGNALS ROUTED, OUTSIDE ROW TO INSIDE ROW)

TABLE 1

FLEX PART #	ASSEMBLY PART NUMBER	FLEX PART #	ASSEMBLY PART NUMBER
FE-10562	FFDL2-10-T-05.00-DP	FE-10586	FFDL2-10-T-05.00-SE
FE-10563	FFDL2-10-F-05.00-DP	FE-10587	FFDL2-10-F-05.00-SE
FE-10564	FFDL2-10-M-05.00-DP	FE-10588	FFDL2-10-M-05.00-SE
FE-10565	FFDL2-15-T-05.00-DP	FE-10589	FFDL2-15-T-05.00-SE
FE-10566	FFDL2-15-F-05.00-DP	FE-10590	FFDL2-15-F-05.00-SE
FE-10567	FFDL2-15-M-05.00-DP	FE-10591	FFDL2-15-M-05.00-SE
FE-10568	FFDL2-20-T-05.00-DP	FE-10592	FFDL2-20-T-05.00-SE
FE-10569	FFDL2-20-F-05.00-DP	FE-10593	FFDL2-20-F-05.00-SE
FE-10570	FFDL2-20-M-05.00-DP	FE-10594	FFDL2-20-M-05.00-SE
FE-10571	FFDL2-25-T-05.00-DP	FE-10595	FFDL2-25-T-05.00-SE
FE-10572	FFDL2-25-F-05.00-DP	FE-10596	FFDL2-25-F-05.00-SE
FE-10573	FFDL2-25-M-05.00-DP	FE-10597	FFDL2-25-M-05.00-SE
FE-10574	FFDL2-10-T-10.00-DP	FE-10598	FFDL2-10-T-10.00-SE
FE-10575	FFDL2-10-F-10.00-DP	FE-10599	FFDL2-10-F-10.00-SE
FE-10576	FFDL2-10-M-10.00-DP	FE-10600	FFDL2-10-M-10.00-SE
FE-10577	FFDL2-15-T-10.00-DP	FE-10601	FFDL2-15-T-10.00-SE
FE-10578	FFDL2-15-F-10.00-DP	FE-10602	FFDL2-15-F-10.00-SE
FE-10579	FFDL2-15-M-10.00-DP	FE-10603	FFDL2-15-M-10.00-SE
FE-10580	FFDL2-20-T-10.00-DP	FE-10604	FFDL2-20-T-10.00-SE
FE-10581	FFDL2-20-F-10.00-DP	FE-10605	FFDL2-20-F-10.00-SE
FE-10582	FFDL2-20-M-10.00-DP	FE-10606	FFDL2-20-M-10.00-SE
FE-10583	FFDL2-25-T-10.00-DP	FE-10607	FFDL2-25-T-10.00-SE
FE-10584	FFDL2-25-F-10.00-DP	FE-10608	FFDL2-25-F-10.00-SE
FE-10585	FFDL2-25-M-10.00-DP	FE-10609	FFDL2-25-M-10.00-SE

F:\DWG\MISC\MKTG\FFDL2-XX-X-XX.XX-MKT.SLDRW

<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, .050[1.27] PITCH MALE/FEMALE CONNECTORS DWG. NO. FFDL2-XX-X-XX.XX-XX	
BY: B. PERRY 4/17/2007		SHEET 2 OF 2