

DO NOT SCALE FROM THIS PRINT

- NOTES:
1. ---XX.XX REPRESENTS A CRITICAL DIMENSION.
 2. ALL DIMENSIONS TO BE SYMMETRICAL ABOUT CENTERLINE WITHIN $\pm.002$ [.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 FLE & ONE FTSH ASSEMBLY)
-F: FEMALE ENDS
(TWO FLE ASSEMBLIES)
-M: MALE ENDS
(TWO FTSH ASSEMBLIES)

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

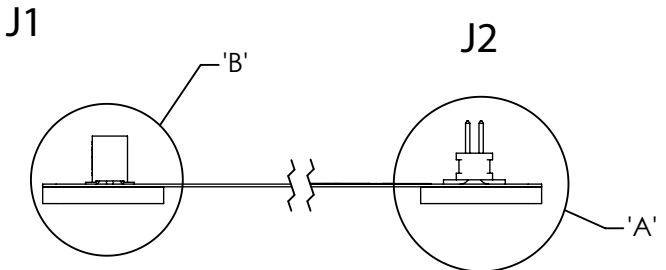
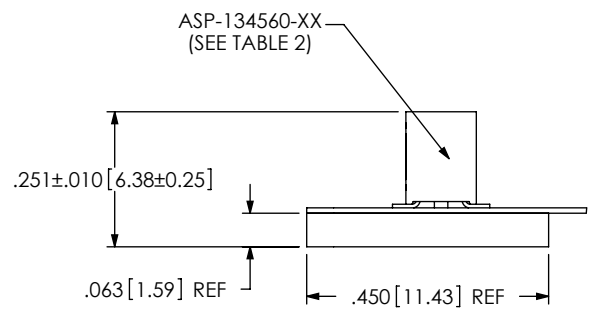
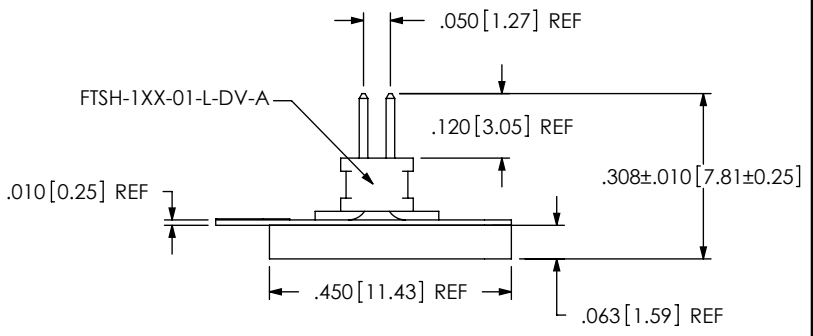
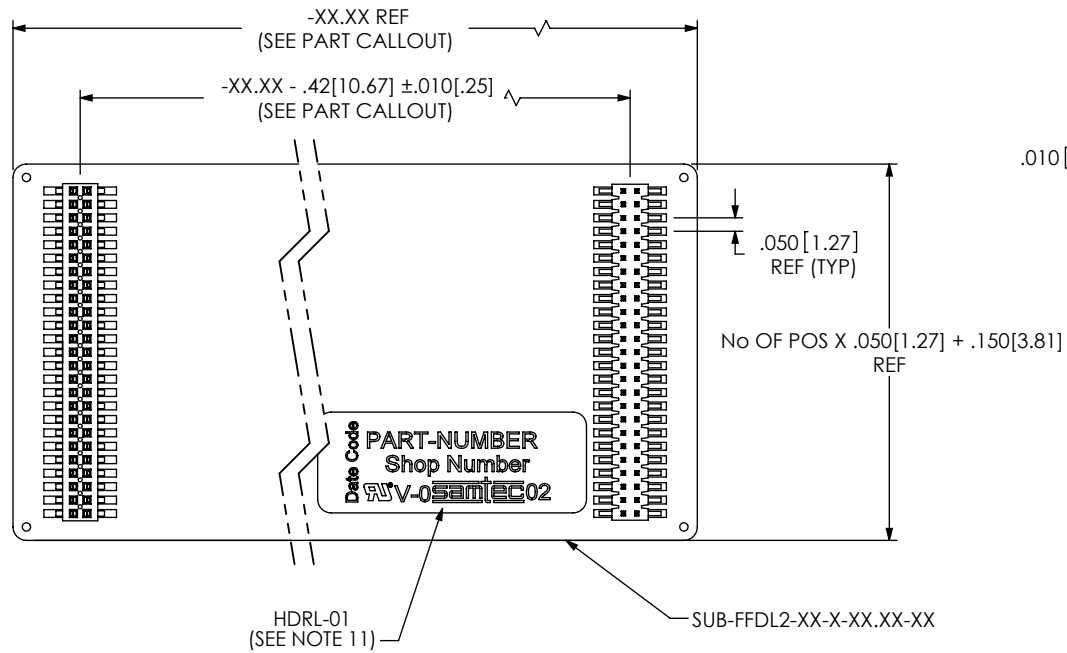


FIG. 1 (FFDL2-25-T-XX.XX-SE SHOWN)

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

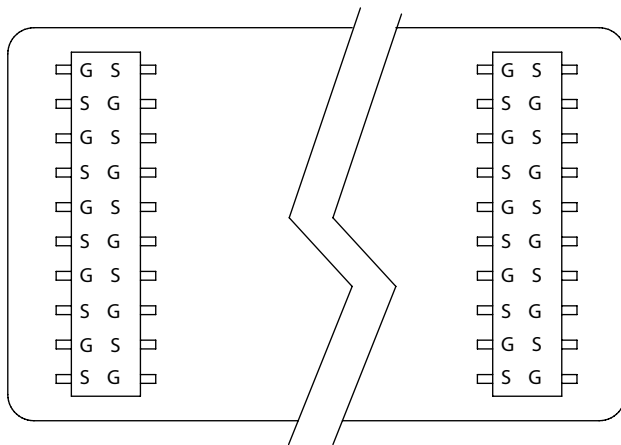
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
DECIMALS ANGLES
.XX: $\pm.01$ [.3] 2°
.XXX: $\pm.005$ [.13]
.XXXX: $\pm.0020$ [.051]

PROPRIETARY NOTE
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DO NOT SCALE DRAWING SHEET SCALE: 3:1
CONNECTOR MATERIALS:
-INSULATORS: LCP
-CONTACTS & TERMINALS: PHOS BRONZE
F:\DWG\MISC\MKTG\FFDL2-XX-X-XX.XX-MKT.SLDDRW

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 1 OF 2

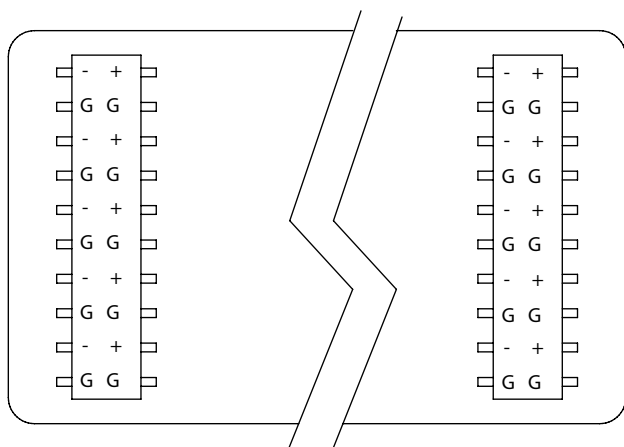


RECOMMENDED SINGLE ENDED SIGNAL ASSIGNMENT FOR BEST PERFORMANCE

Ⓛ (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-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

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	<p>DESCRIPTION: FLEXIBLE CIRCUIT, .050[1.27] PITCH MALE/FEMALE CONNECTORS</p>	
	<p>DWG. NO. FFDL2-XX-X-XX.XX-XX</p>	
<p>SHEET SCALE: 1:0.333333</p>	<p>BY: B. PERRY 4/17/2007</p>	<p>SHEET 2 OF 2</p>