

REVISION

NOTES:

1. COLORED CABLE ON POS 01,03,05,07,09,11,13,15,17,19,21,23,25,27 & 29, TWISTED PAIRS WITH 2.0 TWISTS PER INCH TO 02 & 03, 04 & 05, 06 & 07, 08 & 09, 16 & 17, 20 & 21, 23 & 24, 27 & 28. ALL OTHERS TO BE STRAIGHT.
2. [C2-XXX-XX] REPRESENTS A CRITICAL DIMENSION.
3. CONTACT MUST BE INSERTED UNTIL RETENTION FEATURE LOCKS INTO PLACE.
4. ALL FINISHED GOODS ARE TO BE ELECTRICAL TESTED INCLUDING HI-POT TEST AT 1000 VOLTS DC. AFTER FINAL ELECTRICAL TEST, LABEL EACH ASSEMBLY WITH 1 LABEL-ET.
5. TINNED COPPER WIRE IS RoHS COMPLIANT.
6. MINIMUM WIRE CRIMP STRENGTH: 3 LB.
7. MINIMUM PULLOUT FORCE: 3.0 LBS.
8. REFER TO CRIMP SPECIFICATIONS PRINT FOR CRIMP & STRIP DIMENSIONS, TOLERANCES, TOOLING AND ITS REQUIREMENTS.
9. PARTS TO BE PACKAGED IN LAYERS.
10. LABEL TO READ: LINE 1: "W4"; LINE 2: "78711/T6145-0069-002"; LINE 3: "REV A"
11. LABEL TO READ: LINE 1: "P1"; LINE 2: "(A2J4)"
12. LABEL TO READ: LINE 1: "P2"; LINE 2: "(A3J4)"

C2-A,I-VE

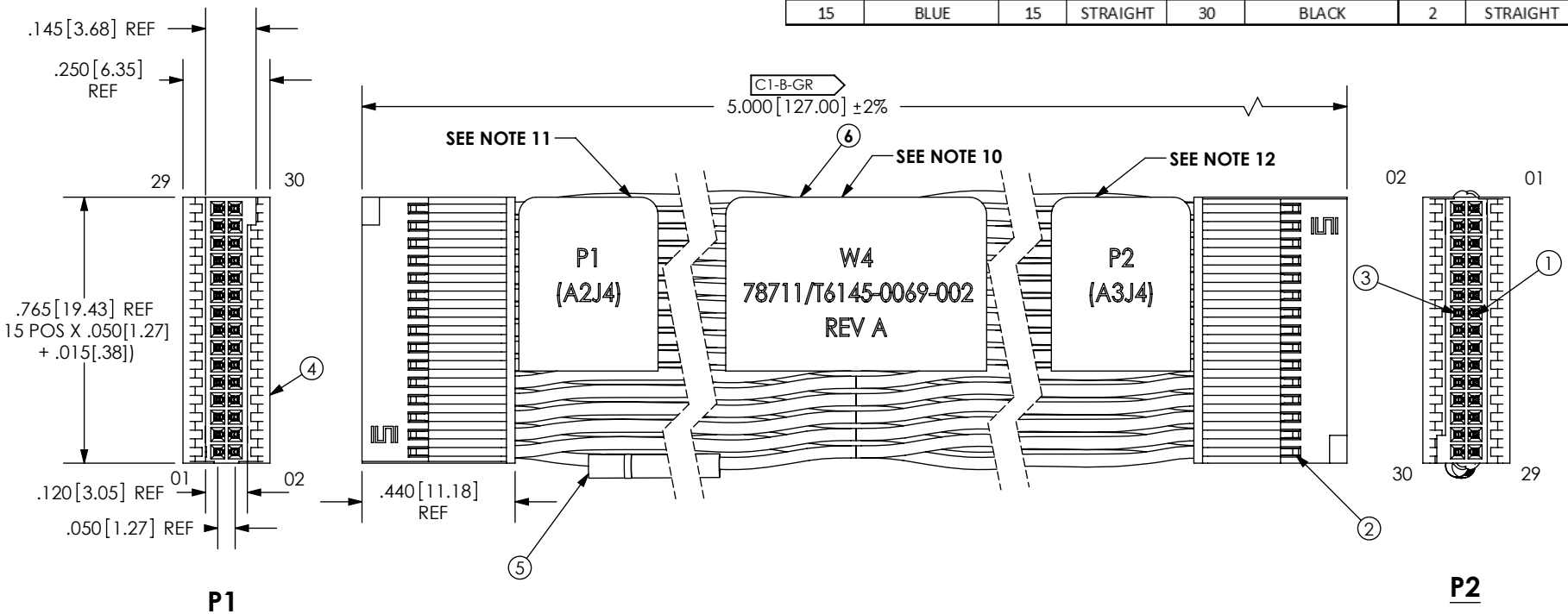
LIKE PART #-SFSDT-15-28-H-05.00-D-NUS

PINOUT							
P1		P2		P1		P2	
1	BLUE	29	STRAIGHT	16	BLACK	16	TWIST
2	BLACK	30	TWIST	17	BLUE	13	
3	BLUE	27		TWIST	18	BLACK	14
4	BLACK	28	TWIST		19	BLUE	11
5	BLUE	25		TWIST	20	BLACK	12
6	BLACK	26	TWIST		21	BLUE	9
7	BLUE	23		TWIST	22	BLACK	10
8	BLACK	24	TWIST		23	BLUE	7
9	BLUE	21		TWIST	24	BLACK	8
10	BLACK	22	STRAIGHT		25	BLUE	5
11	BLUE	19	STRAIGHT	26	BLACK	6	STRAIGHT
12	BLACK	20	STRAIGHT	27	BLUE	3	TWIST
13	BLUE	17	STRAIGHT	28	BLACK	4	
14	BLACK	18	STRAIGHT	29	BLUE	1	STRAIGHT
15	BLUE	15	STRAIGHT	30	BLACK	2	STRAIGHT

BY SIGNING THIS DOCUMENT YOU ARE ACCEPTING THE CONDITIONS SET WITHIN. YOUR REQUIREMENTS MUST BE LISTED WITHIN THIS DRAWING. WHERE NO DIRECTION FROM THE CUSTOMER IS IDENTIFIED SAMTEC'S PROCESS REQUIREMENTS WILL BE USED.

DATE: _____
 COMPANY: _____
 CUSTOMER SIGNATURE: _____
 PRINTED NAME: _____
 PHONE NO: _____
 EXCEPTIONS: _____

2	TW	J HENRY
4/18/2012	ECN-178315	
NOTE 11: CHG A2J4 TO A4J		
3	TW	J HENRY
4/24/2012	ECN-178597	
NOTES: NOTE 11 CHG "A4J" TO "A4J4"; TOP VIEW: UPDATE LABEL		
A	CC	T EMERSON
8/16/2012	ECN-184700	
RELEASE FOR PRODUCTION - CHG NOTE 11 FROM (A3J4) TO (A2J4) AND NOTE 12 FROM (A2J4) TO (A3J4).		



ITEM NO.	PART NUMBER	QTY	MATERIAL
1	ASP-154436-02-C	6.2500	TINNED COPPER, COLOR: BLACK
2	C-203-2830-H	60.000	BeCu C172, BRUSH ALLOY 190, TEMPER HM
3	DWCT-28-01	6.2500	TINNED COPPER, COLOR: BLUE
4	ISDF-15-D	2.0000	VECTRA S475, COLOR: BLACK
5	LABEL-ET	1.0000	VINYL
6	HDRL-11	3.0000	SLEF-LAMINATING VINYL

NON STANDARD	
COMPONENT	
ASSEMBLY	
TOOLING	
PROCESS	X
PACKAGING	
OTHER	

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 DECIMALS ANGLES
 .XX: ±.01 2°
 .XXX: ±.005
 .XXXX: ±.0020

DO NOT SCALE DRAWING SHEET SCALE: 2.5:1

PLATING:
 CONTACT AREA: .000030 MIN GOLD OVER .000050 MIN NICKEL
 REMAINDER: .000003 MIN GOLD OVER .000050 MIN NICKEL

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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 e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
 .050[1.27] SOCKET DISCRETE CABLE ASSEMBLY

DWG. NO. **ASP-166192-02**

BY: TIM P. 03/07/2012 SHEET 1 OF 1

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