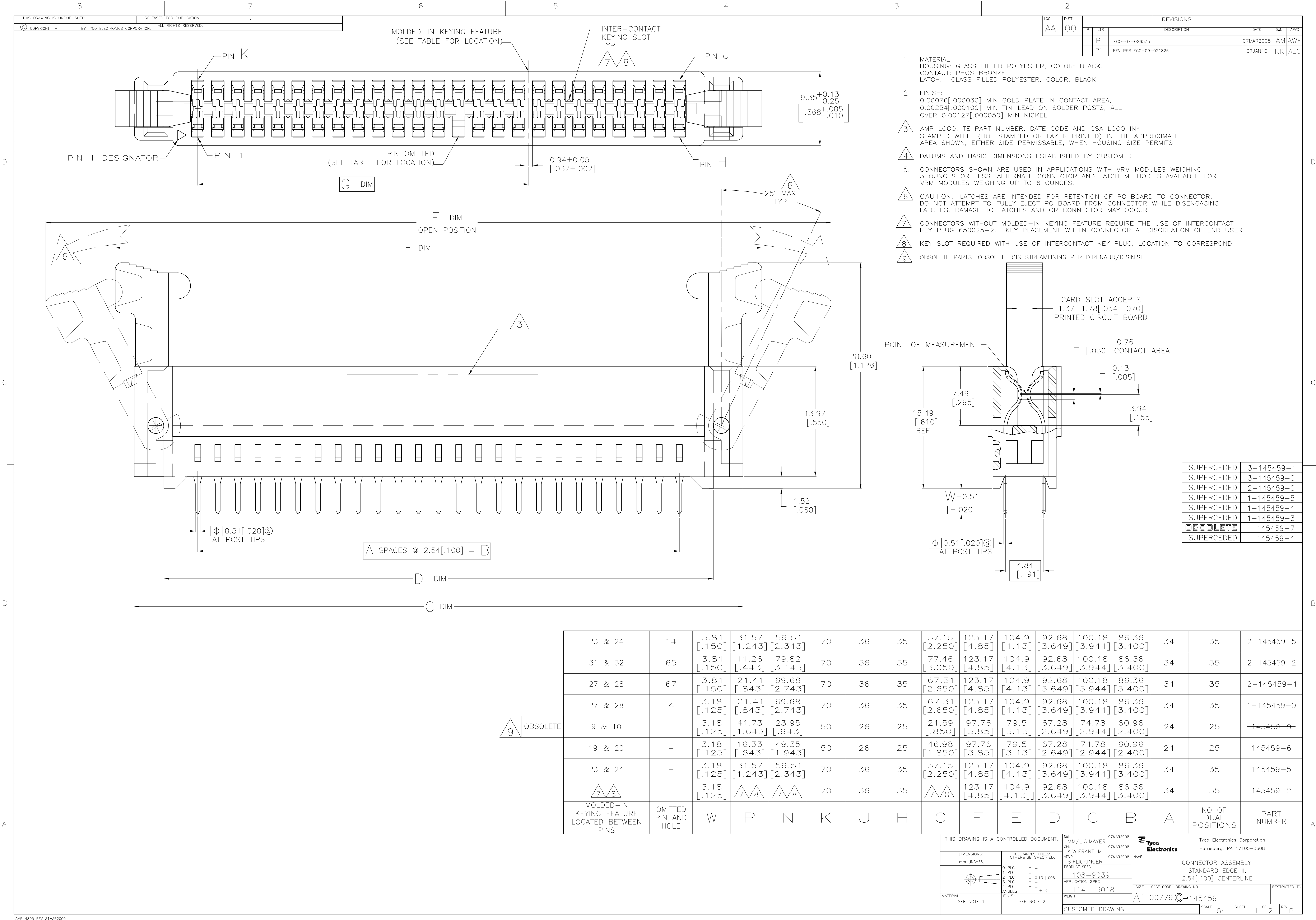




- MATERIAL:
HOUSING: GLASS FILLED POLYESTER, COLOR: BLACK.
CONTACT: PHOS BRONZE
LATCH: GLASS FILLED POLYESTER, COLOR: BLACK
- FINISH:
0.00076[.000030] MIN GOLD PLATE IN CONTACT AREA,
0.00254[.000100] MIN TIN-LEAD ON SOLDER POSTS, ALL
OVER 0.00127[.000050] MIN NICKEL
- AMP LOGO, TE PART NUMBER, DATE CODE AND CSA LOGO INK
STAMPED WHITE (HOT STAMPED OR LAZER PRINTED) IN THE APPROXIMATE
AREA SHOWN, EITHER SIDE PERMISSABLE, WHEN HOUSING SIZE PERMITS
- DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- CONNECTORS SHOWN ARE USED IN APPLICATIONS WITH VRM MODULES WEIGHING
3 OUNCES OR LESS. ALTERNATE CONNECTOR AND LATCH METHOD IS AVAILABLE FOR
VRM MODULES WEIGHING UP TO 6 OUNCES.
- CAUTION: LATCHES ARE INTENDED FOR RETENTION OF PC BOARD TO CONNECTOR,
DO NOT ATTEMPT TO FULLY EJECT PC BOARD FROM CONNECTOR WHILE DISENGAGING
LATCHES. DAMAGE TO LATCHES AND OR CONNECTOR MAY OCCUR
- CONNECTORS WITHOUT MOLDED-IN KEYING FEATURE REQUIRE THE USE OF INTERCONTACT
KEY PLUG 650025-2. KEY PLACEMENT WITHIN CONNECTOR AT DISCRETION OF END USER
- KEY SLOT REQUIRED WITH USE OF INTERCONTACT KEY PLUG, LOCATION TO CORRESPOND
- OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

SUPERCEDED	3-145459-1
SUPERCEDED	3-145459-0
SUPERCEDED	2-145459-0
SUPERCEDED	1-145459-5
SUPERCEDED	1-145459-4
SUPERCEDED	1-145459-3
OBSOLETE	145459-7
SUPERCEDED	145459-4

23 & 24	14	3.81 [.150]	31.57 [1.243]	59.51 [2.343]	70	36	35	57.15 [2.250]	123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	2-145459-5
31 & 32	65	3.81 [.150]	11.26 [.443]	79.82 [3.143]	70	36	35	77.46 [3.050]	123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	2-145459-2
27 & 28	67	3.81 [.150]	21.41 [.843]	69.68 [2.743]	70	36	35	67.31 [2.650]	123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	2-145459-1
27 & 28	4	3.18 [.125]	21.41 [.843]	69.68 [2.743]	70	36	35	67.31 [2.650]	123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	1-145459-0
9 & 10	-	3.18 [.125]	41.73 [1.643]	23.95 [.943]	50	26	25	21.59 [.850]	97.76 [3.85]	79.5 [3.13]	67.28 [2.649]	74.78 [2.944]	60.96 [2.400]	24	25	145459-9
19 & 20	-	3.18 [.125]	16.33 [.643]	49.35 [1.943]	50	26	25	46.98 [1.850]	97.76 [3.85]	79.5 [3.13]	67.28 [2.649]	74.78 [2.944]	60.96 [2.400]	24	25	145459-6
23 & 24	-	3.18 [.125]	31.57 [1.243]	59.51 [2.343]	70	36	35	57.15 [2.250]	123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	145459-5
	-	3.18 [.125]			70	36	35		123.17 [4.85]	104.9 [4.13]	92.68 [3.649]	100.18 [3.944]	86.36 [3.400]	34	35	145459-2
MOLDED-IN KEYING FEATURE LOCATED BETWEEN PINS	OMITTED PIN AND HOLE	W	P	N	K	J	H	G	F	E	D	C	B	A	NO OF DUAL POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES

± -
± -
± 0.13 [.005]
± -
± -
± 2°

MATERIAL
SEE NOTE 1

FINISH
SEE NOTE 2

DWN
MM/LA.MAYER
CHK
A.W.FRANTUM
APVD
S.FLICKINGER

07MAR2008
07MAR2008
07MAR2008

PRODUCT SPEC
108-9039
APPLICATION SPEC
114-13018

WEIGHT
-

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
CONNECTOR ASSEMBLY,
STANDARD EDGE II,
2.54[.100] CENTERLINE

SIZE
A1

CAGE CODE
00779

DRAWING NO
145459

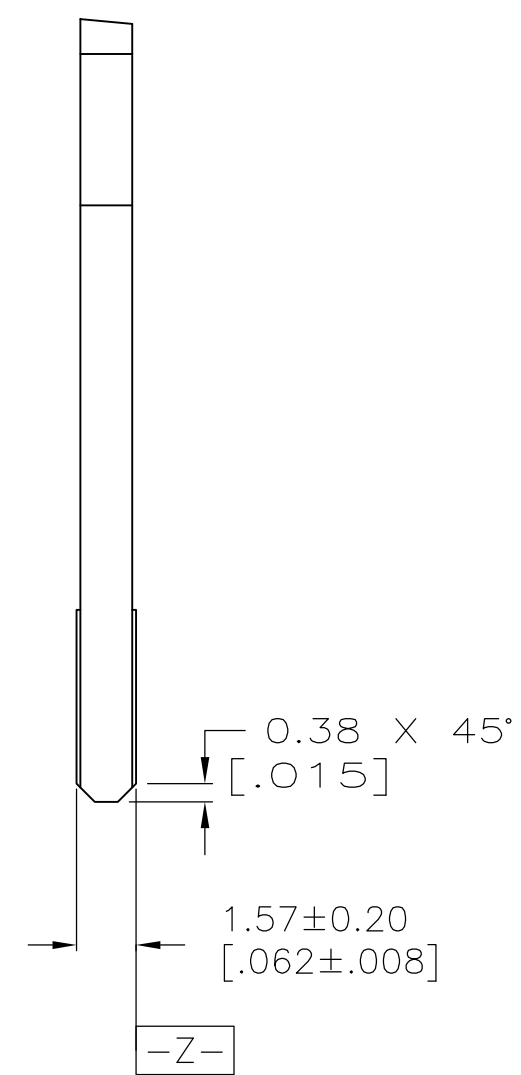
RESTRICTED TO
-

SCALE
5:1

SHEET
1

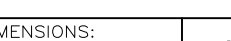
OF
2

REV
P1



Technical drawing of a rectangular plate with dimensions and hole patterns. The drawing includes the following elements:

- Top Left:** A triangle with the number 4 and the text $-Y-$ below it. Below this is a rectangle labeled BSC. To the right of the BSC rectangle is a triangle with the number 4 and the text $-X-$ below it.
- Top Center:** A triangle with the number 4 and the text $-Y-$ below it. Below this is a rectangle labeled BSC. To the right of the BSC rectangle is a triangle with the number 4 and the text $-X-$ below it.
- Top Right:** A triangle with the number 4 and the text $-Y-$ below it. Below this is a rectangle labeled BSC. To the right of the BSC rectangle is a triangle with the number 4 and the text $-X-$ below it.
- Center:** A large rectangle with dimensions $\phi 1.02 \pm 0.08$ and $[0.040 \pm 0.003]$ TYP. Below the dimensions is a circle with a cross inside, followed by the text $\phi 0.15 [0.006] \text{S} X Y$.
- Bottom Left:** A triangle with the number 4 and the text $-Y-$ below it. Below this is a rectangle labeled BSC. To the right of the BSC rectangle is a triangle with the number 4 and the text $-X-$ below it.
- Bottom Center:** A large rectangle with dimensions $\phi 1.02 \pm 0.08$ and $[0.040 \pm 0.003]$ TYP. Below the dimensions is a circle with a cross inside, followed by the text $\phi 0.15 [0.006] \text{S} X Y$.
- Bottom Right:** A triangle with the number 4 and the text $-Y-$ below it. Below this is a rectangle labeled BSC. To the right of the BSC rectangle is a triangle with the number 4 and the text $-X-$ below it.
- Hole Patterns:** Two rows of holes. The top row has 20 holes, and the bottom row has 20 holes. The holes are arranged in a grid pattern.
- Dimensions and Tolerances:**
 - Overall width: $4.84 [0.191]$
 - Overall height: $4.84 [0.191]$
 - Distance between hole centers: $A \text{ SPACES } @ 2.54 [0.100] = B$
- Notes:**
 - HOLE OMITTED FOR POLARIZATION (SEE TABLE FOR LOCATION)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MM/LA-MAYER 07MAR2008		 Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± .- 1 PLC ± .- 2 PLC ± 0.13 [.005] 3 PLC ± .- 4 PLC ± .- ANGLES ± 2°		NAME A1 00779 C 145459	
		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± .- 1 PLC ± .- 2 PLC ± 0.13 [.005] 3 PLC ± .- 4 PLC ± .- ANGLES ± 2°		CONNECTOR ASSEMBLY, STANDARD EDGE II, 2.54[.100] CENTERLINE	
MATERIAL SEE NOTE 1		FINISH SEE NOTE 2		SIZE A1 00779 C 145459	
WEIGHT -		RESTRICTED TO -		SCALE 5:1	
CUSTOMER DRAWING		SHEET 2 OF 2		REV P	