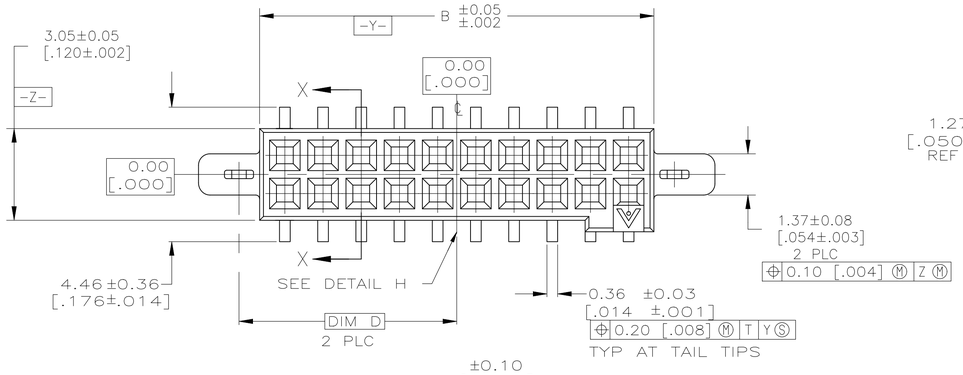
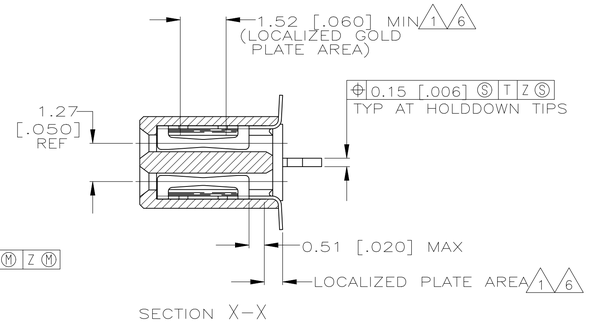
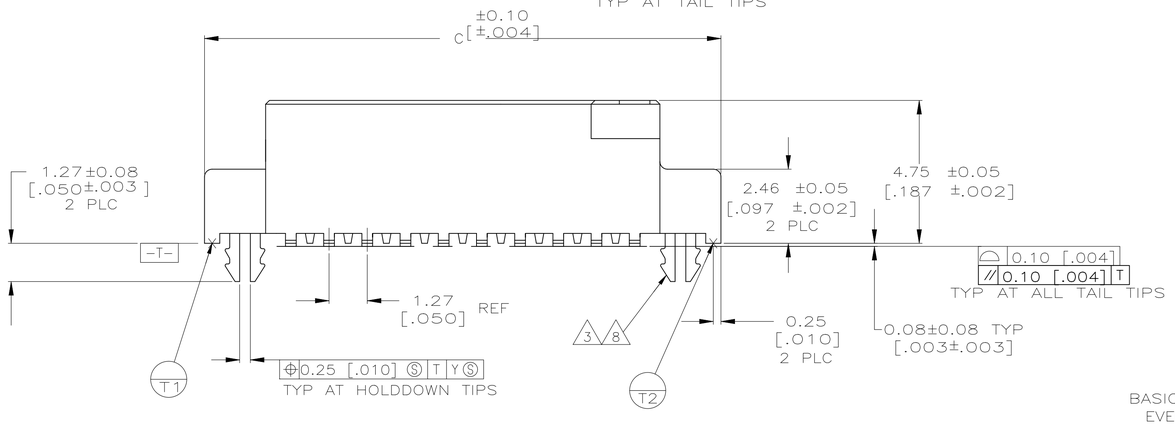
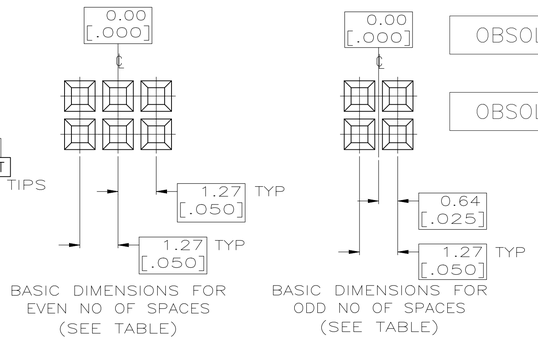
© – TE Connectivity. All Rights Reserved.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	L2	PART OBSOLESCENCE	23APR2026	LS	SRK

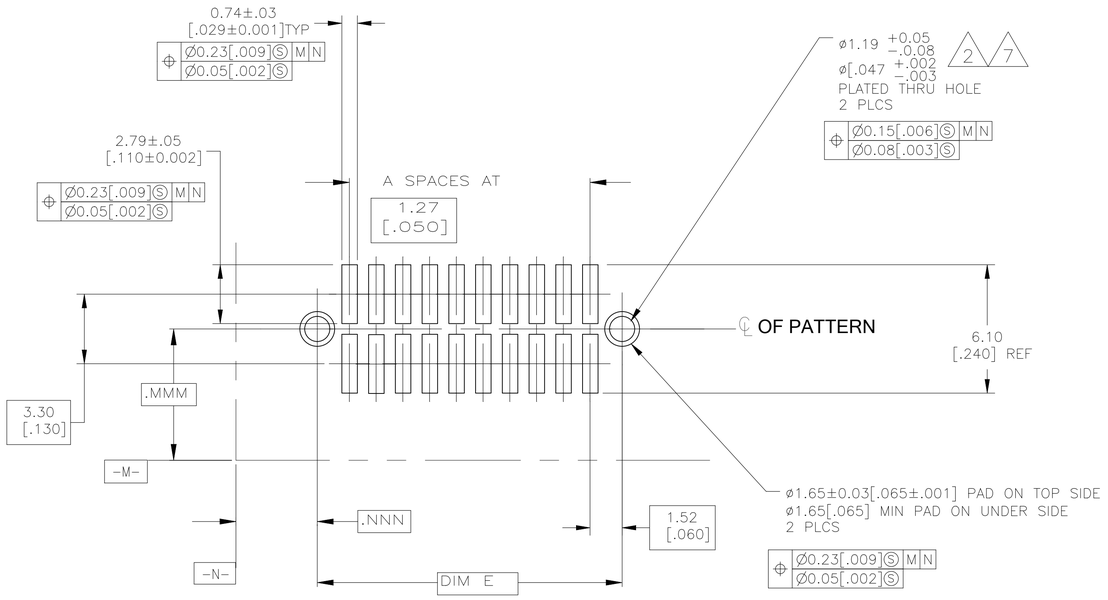








DETAIL H



RECOMMENDED BOARD LAYOUT

SCALE; 7:1

1. 0.00076 [.000030] GOLD IN LOCALIZED PLATE AREA
0.00381 [.000150] TIN–LEAD ON SOLDER TAILS
ALL OVER 0.00127 [.000050] NICKEL
2. USE 1.32±0.02 [.0520±.0010] DRILLED HOLE (#55 DRILL)
FINISH TO BE TIN/LEAD OVER 0.02 [.001] MIN COPPER
3. PLATING: 0.0038 [.000150] TIN–LEAD OVER 0.00127 [.000050] NICKEL
4. IF PLANNING TO USE MORE THAN ONE MATING PAIR OF CONNECTORS TO INTERCONNECT 2 BOARDS, PLEASE REFER TO "SPACING" PARAGRAPH IN THE APPLICATION SPEC, #114–7010
5. HOUSING: LCP, COLOR:BLACK.
CONTACT: COPPER ALLOY PER ASTM SPECIFICATION B422.
HOLDDOWN: COPPER ALLOY PER ASTM SPECIFICATION B194.
6. 0.00076 [.000030] GOLD IN LOCALIZED PLATE AREA
0.00381 [.000150] TIN ON SOLDER TAILS
ALL OVER 0.00127 [.000050] NICKEL
7. USE 1.32±0.02 [.0520±.0010] DRILLED HOLE (#55 DRILL)
FINISH TO BE TIN OVER 0.02 [.001] MIN COPPER
8. PLATING: 0.0038 [.000150] TIN OVER 0.00127 [.000050] NICKEL
9. PRELIMINARY PART – NOT RELEASED FOR PRODUCTION.

FINISH	E	D	C	B	A	NO OF POS	PART NUMBER
OBSOLETE	6 8	11.93 [.470]	5.97 [.235]	14.63 [.576]	10.56 [.416]	7	16	9 6-104652-1
	6 8	65.28 [2.570]	32.640 [1.285]	67.97 [2.676]	63.91 [2.516]	49	100	6-104652-0
OBSOLETE	6 8	58.93 [2.320]	29.46 [1.160]	61.62 [2.426]	57.56 [2.266]	44	90	9 5-104652-9
	6 8	52.58 [2.070]	26.290 [1.035]	55.27 [2.176]	51.21 [2.016]	39	80	5-104652-8
	6 8	46.23 [1.820]	23.11 [.910]	48.92 [1.926]	44.86 [1.766]	34	70	5-104652-7
	6 8	39.88 [1.570]	19.940 [.785]	42.57 [1.676]	38.51 [1.516]	29	60	5-104652-6
	6 8	33.53 [1.320]	16.76 [.660]	36.22 [1.426]	32.16 [1.266]	24	50	5-104652-5
	6 8	27.18 [1.070]	13.590 [.535]	29.87 [1.176]	25.81 [1.016]	19	40	5-104652-4
	6 8	20.83 [.820]	10.41 [.410]	23.52 [.926]	19.46 [.766]	14	30	5-104652-3
	6 8	14.48 [.570]	7.240 [.285]	17.17 [.676]	13.11 [.516]	9	20	5-104652-2
	6 8	8.12 [.320]	4.06 [.160]	10.82 [.426]	6.75 [.266]	4	10	5-104652-1
OBSOLETE	1 3	11.93 [.470]	5.97 [.235]	14.63 [.576]	10.56 [.416]	7	16	1-104652-1
OBSOLETE	1 3	65.28 [2.570]	32.640 [1.285]	67.97 [2.676]	63.91 [2.516]	49	100	1-104652-0
	1 3	58.93 [2.320]	29.46 [1.160]	61.62 [2.426]	57.56 [2.266]	44	90	104652-9
	1 3	52.58 [2.070]	26.290 [1.035]	55.27 [2.176]	51.21 [2.016]	39	80	104652-8
	1 3	46.23 [1.820]	23.11 [.910]	48.92 [1.926]	44.86 [1.766]	34	70	104652-7
	1 3	39.88 [1.570]	19.940 [.785]	42.57 [1.676]	38.51 [1.516]	29	60	104652-6
	1 3	33.53 [1.320]	16.76 [.660]	36.22 [1.426]	32.16 [1.266]	24	50	104652-5
	1 3	27.18 [1.070]	13.590 [.535]	29.87 [1.176]	25.81 [1.016]	19	40	104652-4
	1 3	20.83 [.820]	10.41 [.410]	23.52 [.926]	19.46 [.766]	14	30	104652-3
	1 3	14.48 [.570]	7.240 [.285]	17.17 [.676]	13.11 [.516]	9	20	104652-2
	1 3	8.12 [.320]	4.06 [.160]	10.82 [.426]	6.75 [.266]	4	10	104652-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL 5

FINISH SEE TABLE

DWN KATE HELM 08/07/91
CHK D. GORENC 8/12/91
APVD –
PRODUCT SPEC 108–1332
APPLICATION SPEC 114–7010
WEIGHT –

TE Connectivity

NAME ASSEMBLY, RECEPTACLE, VERTICAL,DOUBLE ROW, SURFACE MOUNT,AMPMODU 50/50 GRID CONNECTOR

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-104652 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 10:1 | SHEET 1 OF 1 | REV L2