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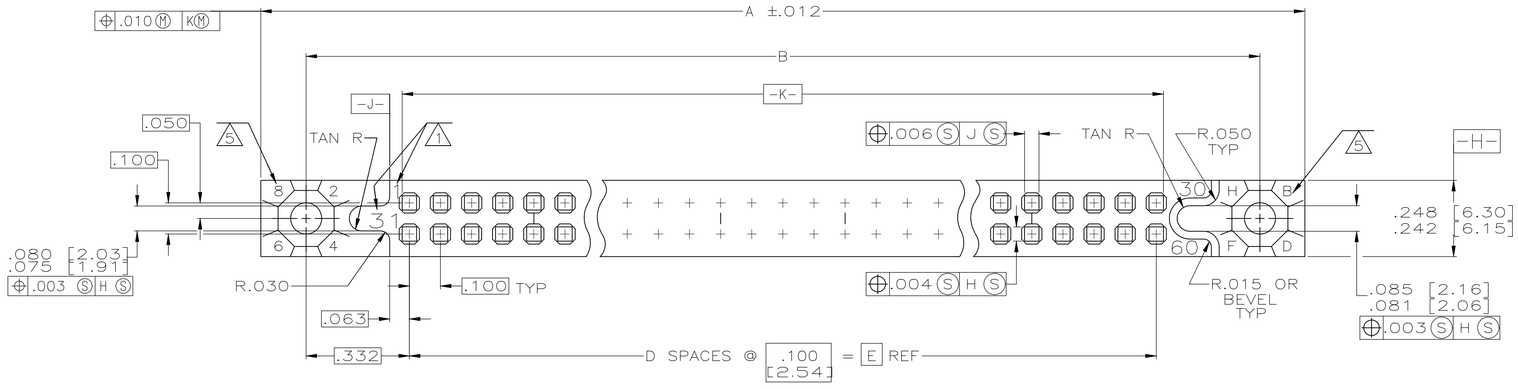
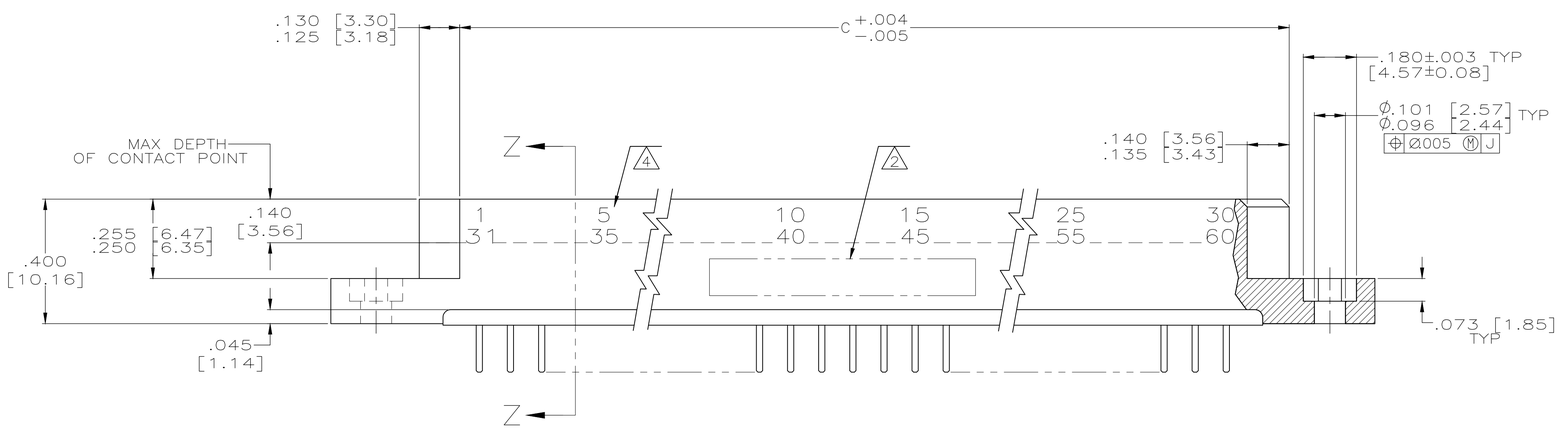
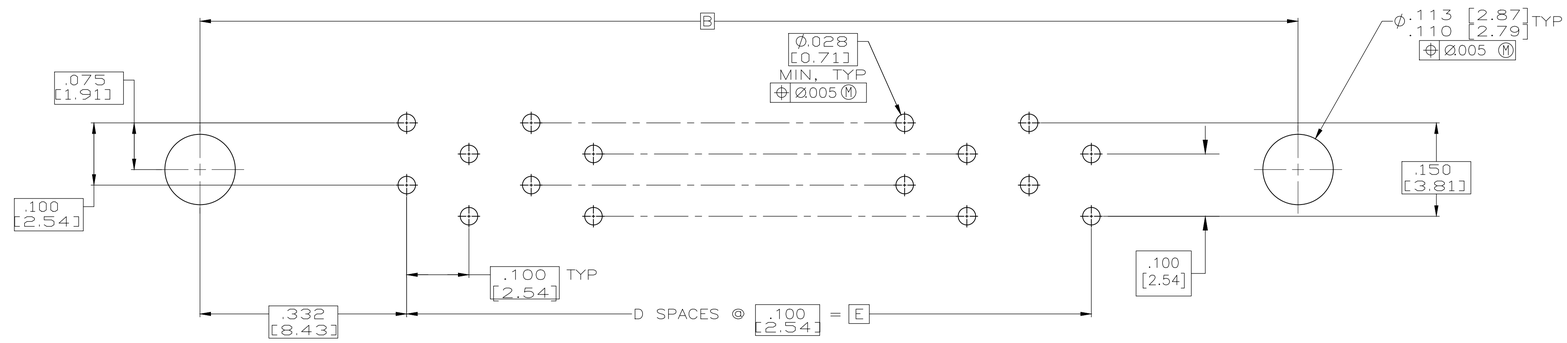
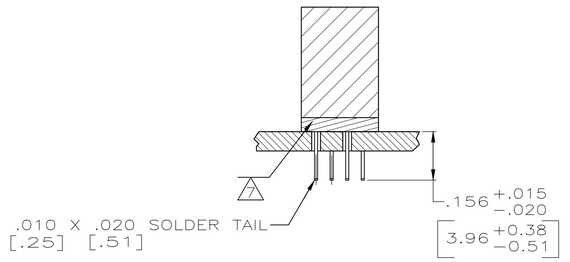
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	K	REV PER ECO 19-006993	5-7-19	CT	RL







CONNECTOR SIDE RECOMMENDED P.C. BOARD LAYOUT



SECTION Z–Z
FLOW SOLDER TYPE

1. NUMBERS AND LINES INDICATING EVERY FIVE CAVITIES TO BE MARKED OR MOLDED WITH .062 HIGH CHARS PER TEC SPEC 115–1105.
2. CUSTOMER PART NUMBER, AMP, DATE CODE AND AMP PART NUMBER MARKED IN THIS AREA.
3. MEETS ALL APPLICABLE REQUIREMENTS OF MIL–C–55302.
4. NUMBERS INDICATING EVERY FIVE CAVITIES MARKED ON SIDE.
5. KEY POSITION IDENTIFICATIONS MOLDED ON SURFACES SHOWN.
6. CONTACT FINISH: .000050 [0.001270] GOLD IN CONTACT AREA .000100 [0.025400] MIN TIN–LEAD ON SOLDER TAILS, ALL OVER .000030 [0.000762] – .000150 [0.00381] NICKEL.
7. GASKET ADDED TO BOTTOM OF HOUSING.
8. CONTACT MATERIAL: BERYLLIUM COPPER (BeCu) OR COPPER NICKEL SILICONE (CuNiSi)

MILITARY PART NUMBER	CONTACT IDENT. NUMBERS	E	D	C	B	A	NO OF POSN	PART NUMBER
M55302/27–189	1,55,56,100	5.400 [137.16]	54	5.665 [143.89]	6.065 [154.05]	6.355 [161.42]	110	530882–9
M55302/27–188	1,50,51,100	4.900 [124.46]	49	5.165 [131.19]	5.565 [141.35]	5.855 [148.72]	100	530882–8
M55302/27–187	1,45,46,90	4.400 [111.76]	44	4.665 [118.49]	5.065 [128.65]	5.355 [136.02]	90	530882–7
M55302/27–186	1,40,41,80	3.900 [99.06]	39	4.165 [105.79]	4.565 [115.95]	4.855 [123.32]	80	530882–6
M55302/27–185	1,35,36,70	3.400 [86.36]	34	3.665 [93.09]	4.065 [103.25]	4.355 [110.62]	70	530882–5
M55302/27–184	1,30,31,60	2.900 [73.66]	29	3.165 [80.39]	3.565 [90.55]	3.855 [97.92]	60	530882–4
M55302/27–183	1,25,26,50	2.400 [60.96]	24	2.665 [67.69]	3.065 [77.85]	3.355 [85.22]	50	530882–3
M55302/27–182	1,20,21,40	1.900 [48.26]	19	2.165 [54.99]	2.565 [65.15]	2.855 [72.52]	40	530882–2
M55302/27–181	1,15,16,30	1.400 [35.56]	14	1.665 [42.29]	2.065 [52.45]	2.355 [59.82]	30	530882–1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

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

MATERIAL – 8

FINISH – 6

DWN P.YEAGER 21MAR07
CHK D.MILLER 3-18-05
APVD D.MILLER 3-18-05
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT 0.000000
CUSTOMER DRAWING

TE Connectivity

NAME RCPT ASSY, 1000 SERIES BOX,SEALED W/ .010 X .020 POSTS & EXTERNAL KEYING

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-530882 | RESTRICTED TO —

SCALE 4:1 | SHEET 1 OF 1 | REV K