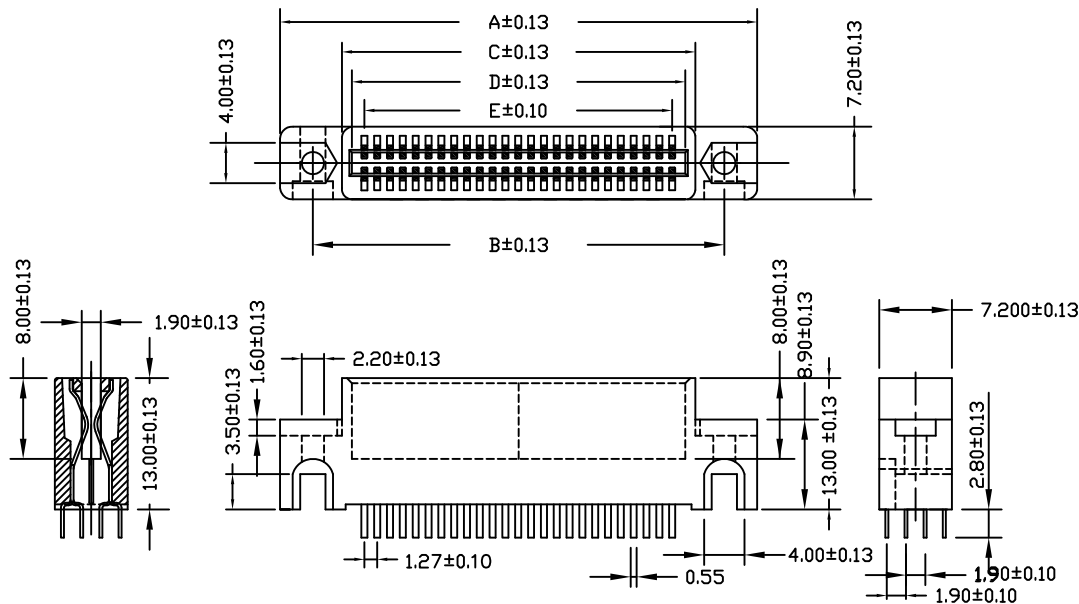




MATERIAL

INSULATOR: GLASS-REINFORCED THERMOPLASTIC.

CONTACT: COPPER ALLOY.

PLATING: MATING AREA - GOLD FLASH GOLD OVER NICKEL.

SOLDER AREA - TIN OVER NICKEL.

ELECTRICAL

VOLTAGE RATING: 250 VAC RMS.

CURRENT RATING: 1 AMP.

DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC RMS 60Hz
FOR 1 MINUTE.

INSULATION RESISTANCE: 1000 MEGOHMS MIN AT 500 VDC.

CONTACT RESISTANCE: 30 MILLIOHMS MAX.

MECHANICAL

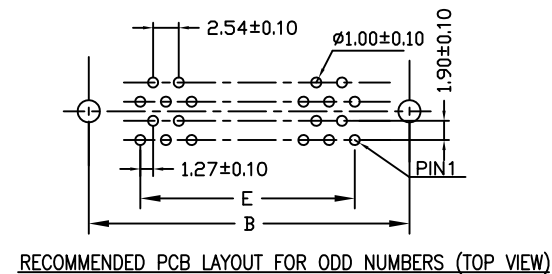
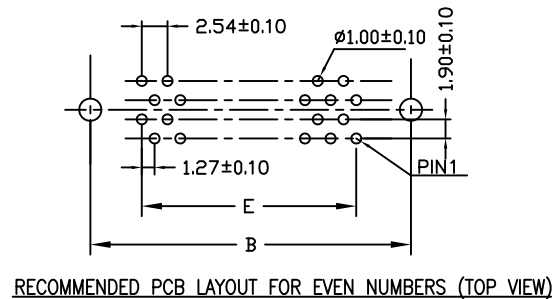
RETENTION FORCE: 460 GRAMS MIN PER CONTACT.

INSERTION FORCE: 230 GRAMS MAX PER CONTACT PAIR.

WITHDRAWAL FORCE: 15 GRAMS MIN PER CONTACT PAIR.

ENVIRONMENTAL

TEMPERATURE RANGE: -55°C TO $+85^{\circ}\text{C}$.



PIN	DIMENSION					PIN	DIMENSION				
	A	B	C	D	E		A	B	C	D	E
10	21.85	15.35	9.60	7.62	5.08	56	51.06	44.56	38.81	36.83	34.29
12	23.12	16.62	10.87	8.89	6.35	60	53.60	47.10	41.35	39.37	36.83
18	26.93	20.43	14.68	12.70	10.16	62	54.87	48.37	42.62	40.64	38.10
20	28.20	21.70	15.95	13.97	11.43	64	56.14	49.64	43.89	41.91	39.37
22	29.47	22.97	17.22	15.24	12.70	68	58.68	52.18	46.43	44.45	41.91
28	33.28	26.78	21.03	19.05	16.51	70	59.95	53.45	47.70	45.72	43.18
30	34.55	28.05	22.30	20.32	17.78	72	61.22	54.72	48.97	46.99	44.45
32	35.82	29.32	23.57	21.59	19.05	80	66.30	59.80	54.05	52.07	49.53
34	37.09	30.59	24.84	22.86	20.32	90	72.65	66.15	60.40	58.42	55.88
36	38.36	31.86	26.11	24.13	21.59	98	77.73	71.23	65.48	63.50	60.96
38	39.63	33.13	27.38	25.40	22.86	100	79.00	72.50	66.75	64.77	62.23
40	40.90	34.40	28.65	26.67	24.13	110	85.35	78.85	73.10	71.12	68.58
42	42.17	35.67	29.92	27.94	25.40	112	86.62	80.12	74.37	72.39	69.85
44	43.44	36.94	31.19	29.21	26.67	120	91.70	85.20	79.45	77.47	74.93
46	44.71	38.21	32.46	30.48	27.94	124	94.24	87.74	81.99	80.01	77.47
48	45.98	39.48	33.73	31.75	29.21	164	119.64	113.14	107.39	105.41	102.87
50	47.25	40.75	35.00	33.02	30.48	184	132.34	125.84	120.09	118.11	115.57

RoHS Compliant

TOLERANCES ARE

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

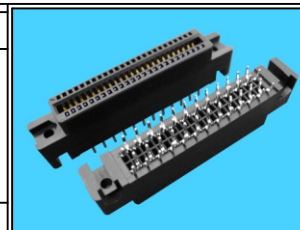
SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±
.X ±
.XX ±
.XXX ±
ANG ±



ORDER INFORMATION

HES-DE-xxx-LF
SERIES LEADFREE
010~184WAY
EAR
DIP 180°

DESCRIPTION: 1.27 PITCH CARD EDGE ROW GAP 1.90mm WITH MOUNTING EAR