

**SPECIFICATIONS**

**1.ELECTRICAL CHARACTERISTICS:**

- 1-1. CONTACT CURRENT RATING : 2 AMPERES PER CONTACT.
- 1-2. LOW LEVEL CONTACT RESISTANCE : 30 MILLIOHMS MAX. INITIALLY; 40 MILLIOHMS MAX. AFTER LIFE TESTING.
- 1-3. INSULATION RESISTANCE: 1000 MEGOHMS MIN. .
- 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MINUTE.

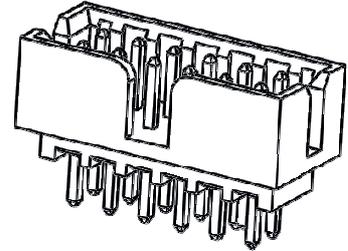
**2.MECHANICAL CHARACTERISTICS:**

- 2-1. CONTACT RETENTION FORCE: 1.36 Kgf MIN. PER CONTACT.
- 2-2. INSERTION FORCE: 0.50Kgf MAX. PER. PIN WITHDRAWL FORCE: 0.020Kgf MIN. PER. PIN

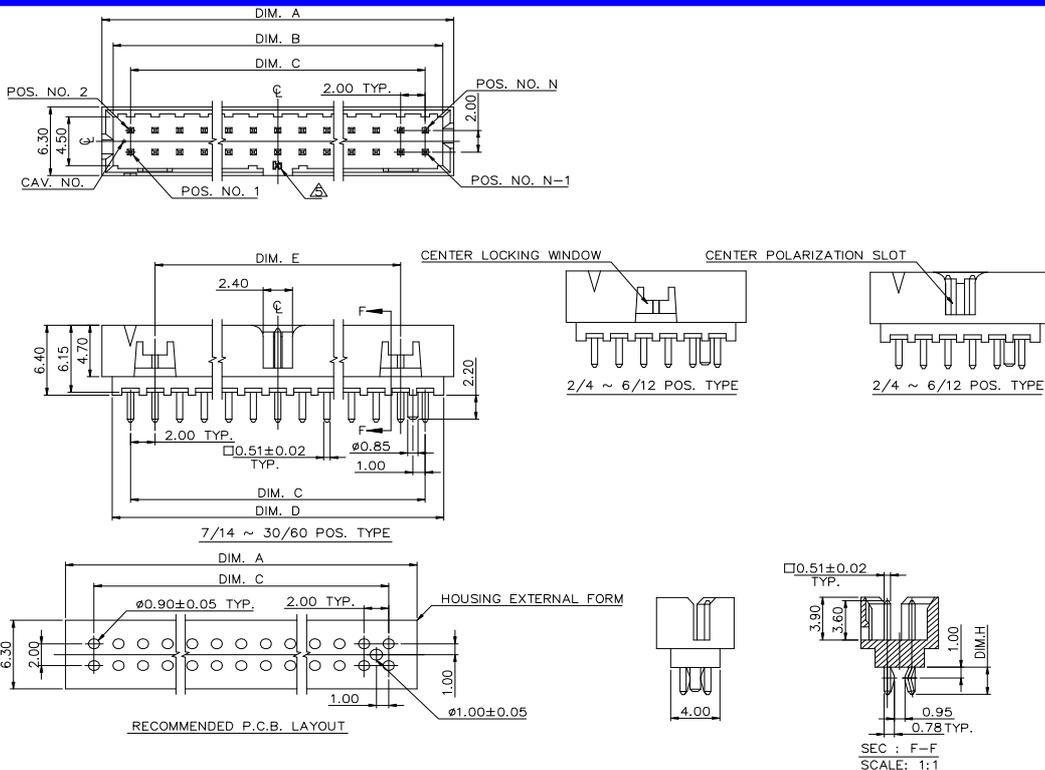
**3. ENVIRONMENTAL DATA:**

- 3-1. SOLDERABILITY: PASSED EIA-364-52.
- 3-2. OPERATION TEMPERATURE: -55°C TO +105°C.
- 3-3. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPII2".

**HL55 Series  
T/H,PIN SOCKET  
2.00mm Pitch**

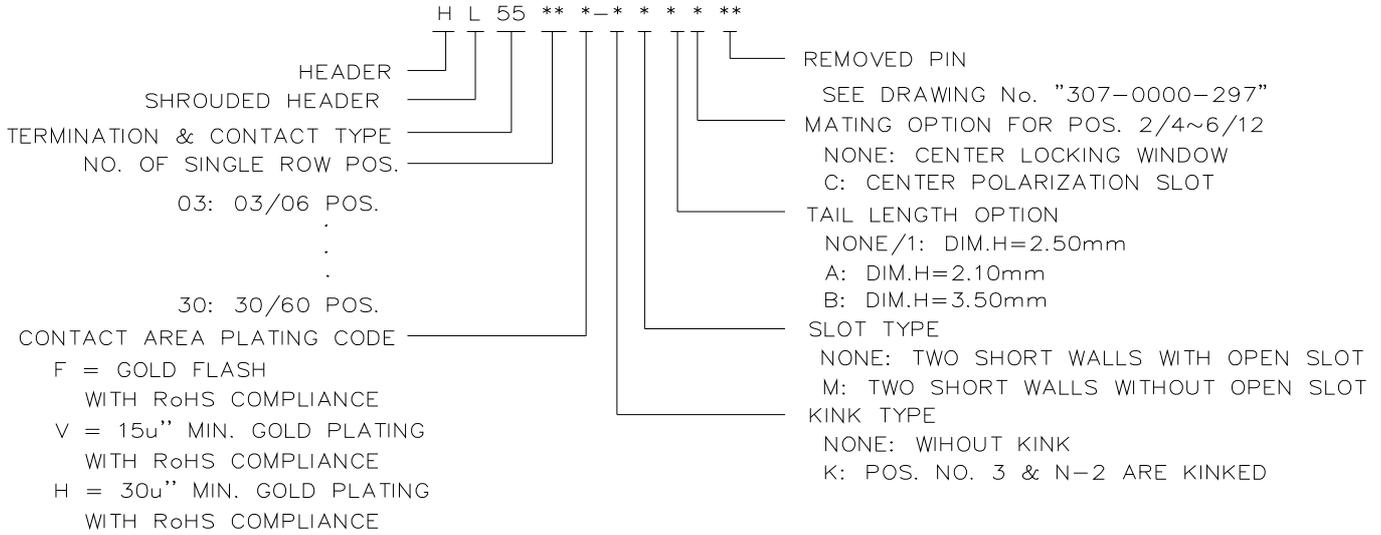


**DRAWING**



PRODUCT NO.	NO. OF POS.	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E
HL5530*—*****	30/60	62.65	60.85	58.00	61.00	54.00
HL5525*—*****	25/50	52.65	50.85	48.00	51.00	44.00
HL5522*—*****	22/44	46.65	44.85	42.00	45.00	38.00
HL5520*—*****	20/40	42.65	40.85	38.00	41.00	34.00
HL5518*—*****	18/36	38.65	36.85	34.00	37.00	30.00
HL5517*—*****	17/34	36.65	34.85	32.00	35.00	28.00
HL5516*—*****	16/32	34.65	32.85	30.00	33.00	26.00
HL5515*—*****	15/30	32.65	30.85	28.00	31.00	24.00
HL5513*—*****	13/26	28.65	26.85	24.00	27.00	20.00
HL5512*—*****	12/24	26.65	24.85	22.00	25.00	18.00
HL5511*—*****	11/22	24.65	22.85	20.00	23.00	16.00
HL5510*—*****	10/20	22.65	20.85	18.00	21.00	14.00
HL5509*—*****	09/18	20.65	18.85	16.00	19.00	12.00
HL5508*—*****	8/16	18.65	16.85	14.00	17.00	10.00
HL5507*—*****	7/14	16.65	14.85	12.00	15.00	8.00
HL5506*—*****	6/12	14.65	12.85	10.00	13.00	
HL5505*—*****	5/10	12.65	10.85	8.00	11.00	
HL5504*—*****	4/8	10.65	8.85	6.00	9.00	
HL5503*—*****	3/6	8.65	6.85	4.00	7.00	

## ORDERING INFORMATION



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(1) (2) (6)

CODE	REMOVED PINS
NONE	STANDART PRODUCT
D0	POS. NO. 1
D1	LAST PIN
D2	POS. NO. 20
D3	POS. NO. 21
D4	POS. NO. 8
D6	POS. NO. 25
D7	POS. NO. 26
D8	POS. NO. 28
D9	POS. NO. 15
E1	POS. NO. 24
E2	POS. NO. 22
E3	POS. NO. 30
E4	POS. NO. 38
E5	POS. NO. 9 & 10
E6	POS. NO. 4 , 6 & 9
E7	POS. NO. 17 & 18
E8	POS. NO. 15 & 16
F1	POS. NO.2,3,5,6,14,15,17,18,20
P0	POS. NO. 4
P0	POS. NO. 4
P1	POS. NO. 6
P3	POS. NO. 7
P4	POS. NO. 5
P5	POS. NO. 10
P6	POS. NO. 2

P7	POS. NO. 3
P8	POS. NO. 17
P9	POS. NO. 9
L0	POS. NO. 27
L1	POS. NO. 12
L3	POS. NO. 32
L5	POS. NO. 18
L6	POS. NO. 14
L7	POS. NO. 16
L8	POS. NO. 1,2,3,4,14,15&16
L9	POS. NO. 25
T0	POS. NO. 1,2,10,11&12
T1	POS. NO. 7 & 8
T2	POS. NO. 3, 25 & 26
T3	POS. NO. 8 & N
T4	POS. NO. 3, 19, 20 & 29
T5	POS. NO. 8 & 9
T6	POS. NO. 3 & LAST PIN
T7	POS. NO. 8 & 19
T8	POS. NO. 30 & 32
T9	POS. NO. 25, 27 & 28
U0	POS. NO. 3, 5, 7 & 9
U1	POS. NO. 3 & 5
U2	POS. NO. 11
U3	POS. NO. 19
U4	POS. NO. 13
U5	POS. NO. 13,15 & 16
U6	POS. NO. 4 & 7
U7	POS. NO. 8 & 13
U8	POS. NO. 4, 5 & 6
U9	POS. NO. 1 & 11

**REMARK:**

- (1) NONE: STANDARD PRODUCT
- (X): TO BE SPECIFIED ON CORRELATIVE CUSTOMER DRAWING
- (2) NONE: STANDARD PRODUCT (COLOR BLACK)
  - K: THE FIRST & LAST PAIRS OF TERMINALS ARE DEFORMED WITH KINKS
  - W: HOUSING COLOR IVORY
  - U: HOUSING COLOR BLUE, PANTONE 661C
  - R: HOUSING COLOR RED, PANTONE 199C
  - Y: HOUSING COLOR YELLOW, PANTONE 123C
  - G: HOUSING COLOR GREEN, PANTONE 375C
  - N: HOUSING COLOR GREEN, PANTONE 7487C
  - S: HOUSING COLOR BLUE, PANTONE 285C
  - Z: HOUSING COLOR RED, PANTONE 1788C
  - M: HOUSING COLOR PURPLE, PANTONE 512C
  - H: HOUSING COLOR ORANGE, PANTONE 021C
  - T: HOUSING COLOR LIGHT GRAY, PANTONE 7541C
  - KW: THE FIRST & LAST PAIRS OF TERMINALS ARE DEFORMED WITH KINKS, HOUSING COLOR IVORY
  - K3: THE FIRST & LAST PAIRS OF TERMINALS ARE DEFORMED WITH KINKS (SPECIAL MODIFICATION CODE)
- (3) FOR REMOVED PIN(S) LOCATED AT FIRST OR LAST PAIR, KINKED POSITION(S) SHOULD BE CHANGED TO THE NEAREST PAIR.
- (4) PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.
- (5) HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".
- (6) ROHS CODE  
BH=PA66 HALOGEN FREE PRODUCT  
LH=LCP HALOGEN FREE PRODUCT