

**SPECIFICATIONS**

**Header Connector**

**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.

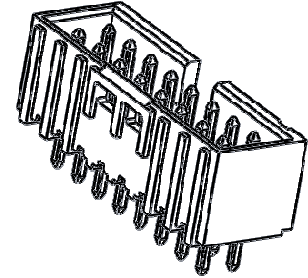
**2.MECHANICAL CHARACTERISTICS:**

- 2-1. CONTACT RETENTION FORCE: 1.36 Kgf MIN. PER CONTACT.
- 2-2. INSERTION FORCE: 0.40Kgf MAX. PER. PIN WITHDRAWL FORCE: 0.020Kgf MIN. PER. PIN
- 2-3. DURABILITY: 50 CYCLES

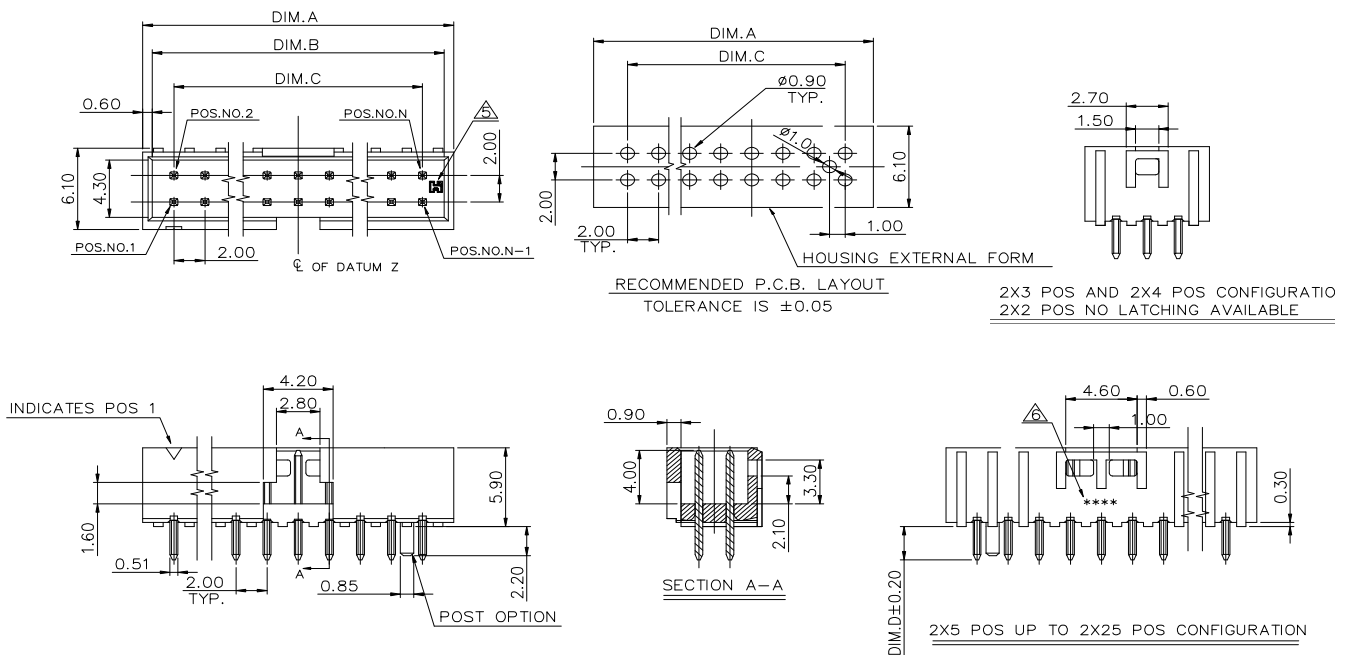
**3. ENVIRONMENTAL DATA:**

- 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".

**HL72 Series  
T/H,PIN SOCKET  
2.00mm Pitch**



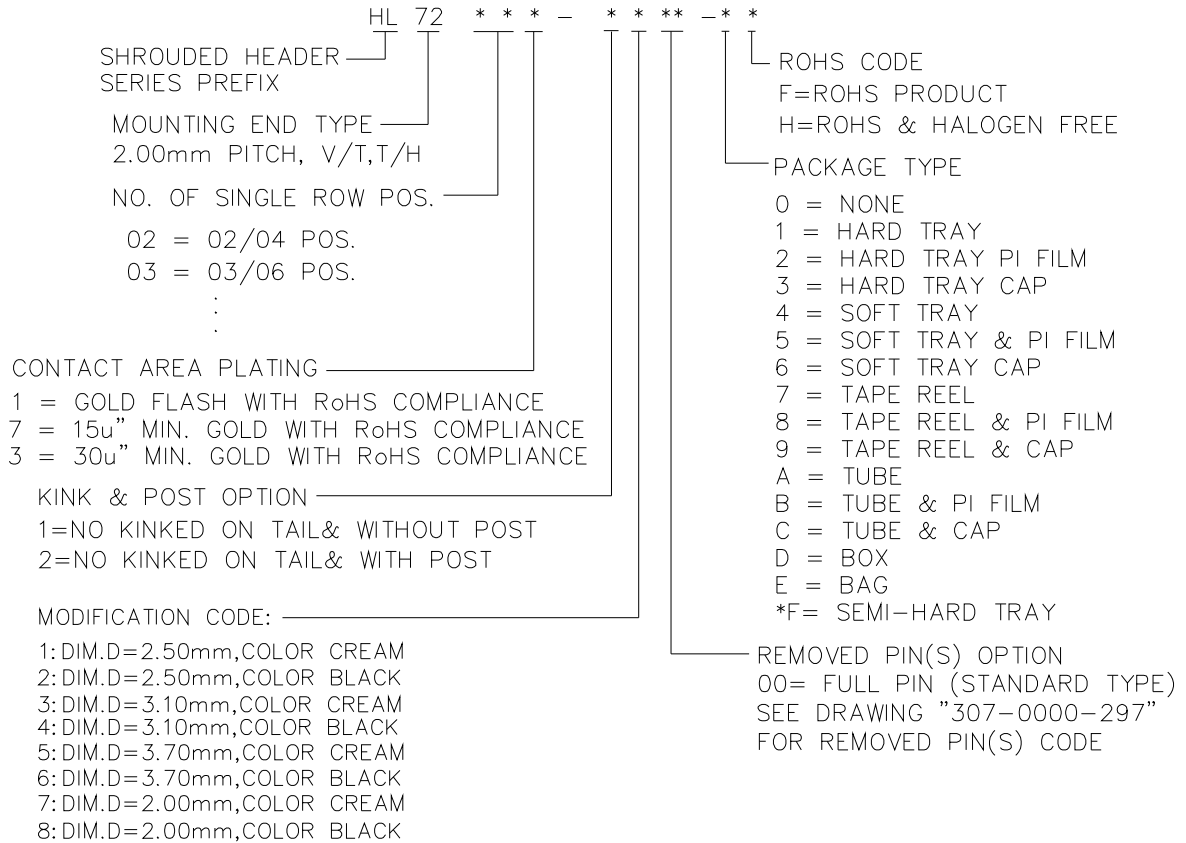
**DRAWING**



HL7225*—*****—**	25/50	52.00	50.80	48.00
HL7222*—*****—**	22/44	46.00	44.80	42.00
HL7220*—*****—**	20/40	42.00	40.80	38.00
HL7217*—*****—**	17/34	36.00	34.80	32.00
HL7215*—*****—**	15/30	32.00	30.80	28.00
HL7214*—*****—**	14/28	30.00	28.80	26.00
HL7213*—*****—**	13/26	28.00	26.80	24.00
HL7212*—*****—**	12/24	26.00	24.80	22.00
HL7211*—*****—**	11/22	24.00	22.80	20.00
HL7210*—*****—**	10/20	22.00	20.80	18.00
HL7209*—*****—**	09/18	20.00	18.80	16.00
HL7208*—*****—**	08/16	18.00	16.80	14.00
HL7207*—*****—**	07/14	16.00	14.80	12.00
HL7206*—*****—**	06/12	14.00	12.80	10.00
HL7205*—*****—**	05/10	12.00	10.80	8.00
HL7204*—*****—**	04/08	10.00	8.80	6.00
HL7203*—*****—**	03/06	8.00	6.80	4.00
HL7202*—*****—**	02/04	6.00	4.80	2.00
PART NO.	NO. OF POS.	DIM.A	DIM.B	DIM.C

## ORDERING INFORMATION

### 1. PRODUCT No. MATRIX:



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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