HSF

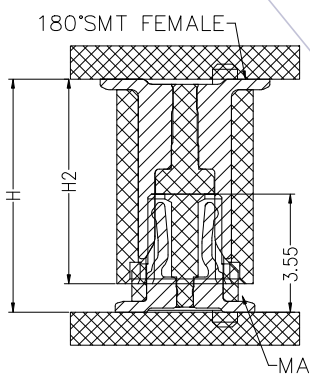
NOTES:
Current Rating: 0.5AMP
Contact Resistance: 30mΩ max
Withstand Voltage: 500V AC/DC
Insulation Resistance: 100MΩ min
Operation Temperature: −20℃ to +105℃

Contact Material: Phosphor Bronze
Housing Material: PA9T Natural(UL94V-0)
CAP Material: LCP Natural(UL94V-0)
Contact plating: Au or Sn over Ni

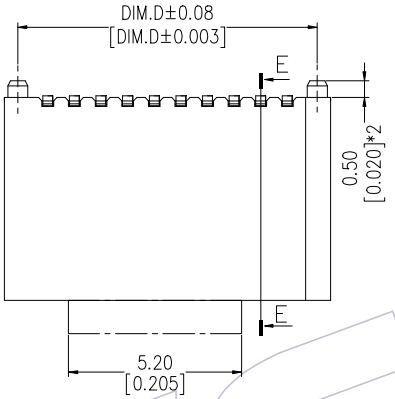
Ordering Information

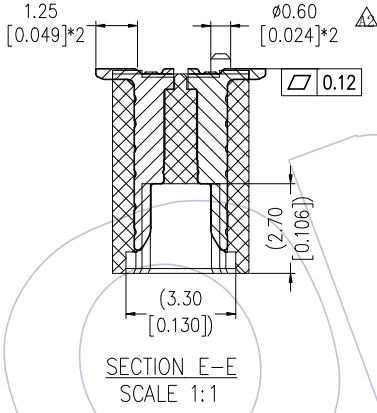
3612-S XXX - XXX XX R 01

- XXX: No.of Pins
- XXX: Housing High — Female=H2
- XX: Contact Plating — G1=3u"Gold; G2=5u"Gold; S1=3u"Gold/Tin; S2=5u"Gold/Tin
- R: T=Tube; P=Tube+CAP; R=Tape&Reel+CAP
- 01

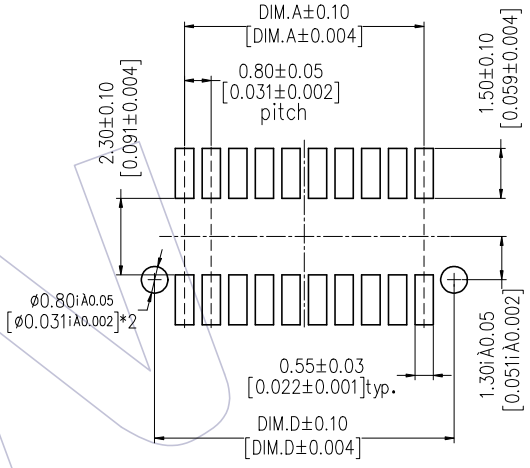


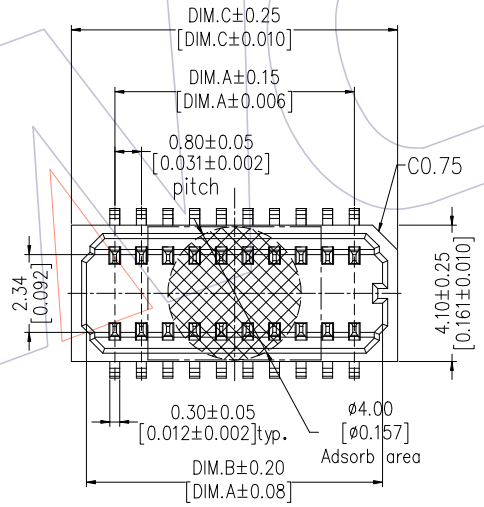
MATED
DRAWING(REF.)DRAWING(REF.)

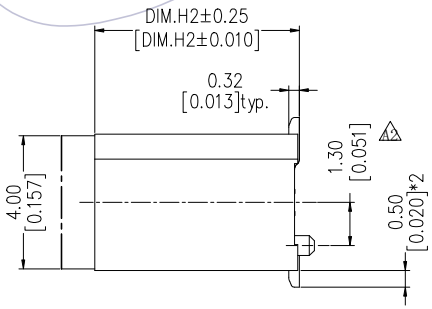




SECTION E-E
SCALE 1:1







PART NO.	FEMALE(H2)
3612-SXXX-036XXR01	3.65
3612-SXXX-041XXR01	4.15
3612-SXXX-047XXR01	4.70
3612-SXXX-051XXR01	5.15
3612-SXXX-056XXR01	5.65
3612-SXXX-061XXR01	6.15

ASS'Y HEIGHT(H)	FEMALE(H2)	MALE(H1)
4.50	3.65	3.55 A1
5.00	4.15	
5.55	4.70	
6.00	5.15	
6.50	5.65	
7.00	6.15	

DIM.D	DIM.C	DIM.B	DIM.A	PIN NO.
17.00	17.80	16.90	15.20	40
16.20	17.00	16.10	14.40	38
15.40	16.20	15.30	13.60	36
14.60	15.40	14.50	12.80	34
13.80	14.60	13.70	12.00	32
13.00	13.80	12.90	11.20	30
12.20	13.00	12.10	10.40	28
11.40	12.20	11.30	9.60	26
10.60	11.40	10.50	8.80	24
9.80	10.60	9.70	8.00	22
9.00	9.80	8.90	7.20	20
8.20	9.00	8.10	6.40	18
7.40	8.20	7.30	5.60	16
6.60	7.40	6.50	4.80	14
5.80	6.60	5.70	4.00	12
5.00	5.80	4.90	3.20	10

REV	DATE	MODIFICATION DESCRIPTION	CHANGE
A2	2015/12/29	内柱位置:1.20 → 1.30　大小:⌀0.75 → ⌀0.60	A2
A1	2013/05/02	Modify	A1
A0	2013/03/22	NEW	——

OPERATION	
X.X	±0.40
X.XX	±0.25
X.XXX	±0.15
Angle	± 3°
DIM	TOL

DRAW	JYHuang	DATE 2015/12/29
CHECK		DATE
APPROVE		DATE

SCALE	FIT
UNIT	mm / inch
SIZE	A4
SHEET	1/1
PROJ.	

PART NO. 3612-SXXX-XXXXXR01

TITLE: 0.80mm B TO B "M" FEMALE 180° SMT TYPE

Customer NO.

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Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)