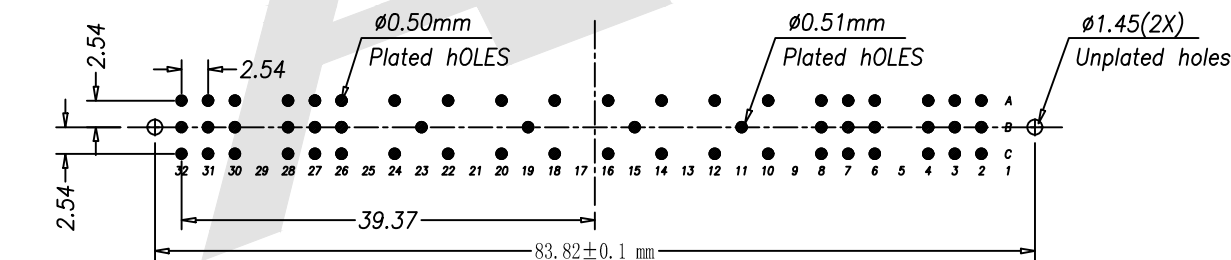
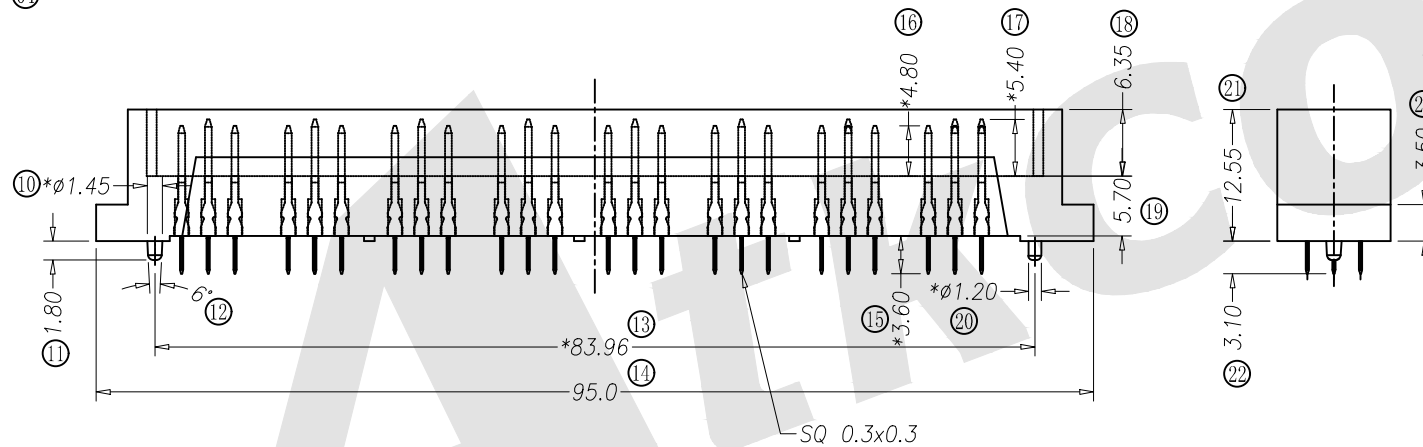
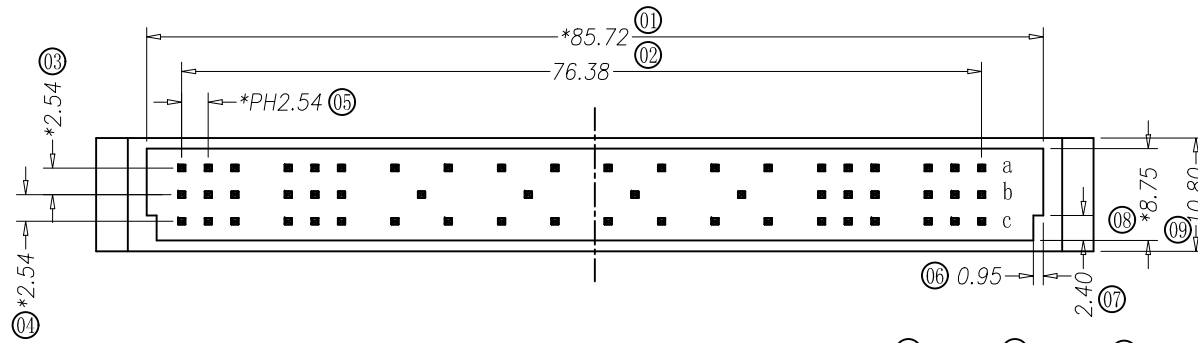


HSF



ROHS



**PCB LAYOUT(RECOMMENDED)**  
 (TOP VIEW TOL. : ± 0.05)

(46 short and 10 long terminals)  
 ●  $\phi 0.50$ (short pin 14.1MM)  
 ○  $\phi 0.51$ (long pin 14.7MM)

SPECIFICATION

Current Rating:	2.0Amp
Insulation Resistance:	1000M $\Omega$ min.at DC 100V
Contact Resistance:	20m $\Omega$ max
Withstand Voltage:	AC 1000V For 1 Minute
Operating Temperature:	-55° C to +105° C
Contact Material:	Brass
Contact Plating:	Au or Sn Over Ni
Insulator Material:	PBT+30%GF UL 94V-0
Insertion Force:	56 pin max. 53N
Withdrawal Force:	0.15N min.per individual contact

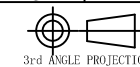
Ordering Code:

DMS - XX - X - X - X - 505  
 ① ② ③ ④ ⑤ ⑥

- ① Series No:
- ② No. of Contacts  
56=46 short + 10 long
- ③ Termination  
B: Straight Tail Length H=3.1mm
- ④ Rows Loaded With Contacts  
A:a+b+c
- ⑤ Contact Plating  
G0: Gold flash  
S0: Gold flash/Ni  
G1: 3u" Gold  
S1: 3u" Gold/Ni  
G2: 5u" Gold  
S2: 5u" Gold/Ni  
G3: 10u" Gold  
S3: 10u" Gold/Ni  
G4: 15u" Gold  
S4: 15u" Gold/Ni  
G5: 30u" Gold  
S5: 30u" Gold/Ni  
SN: Tin
- ⑥ Series number  
505

Unless Otherwise specified tolerance  
 X.  $\pm 0.35$  X.XX:  $\pm 0.20$   
 X.X:  $\pm 0.25$  X.XXX:  $\pm 0.15$

SCALE: As Shown UNIT: mm  
 DRAW ZLA DATE 24/04/2022  
 CHECK BobYang DATE 24/04/2022



**Atkconn**® ATKCONN ELECTRONICS CO., LTD  
[Http://www.atkconn.com](http://www.atkconn.com)

TITLE: DIN41612 Vertical Plug Type C  
 56 Positions connector(46 short + 10 long)

DRAWING NO: DMS-XX-XXX-505

PRODUCT NO: DMS-XX-XXX-505

REV	DESCRIPTION	DATE