

SPECIFICATION

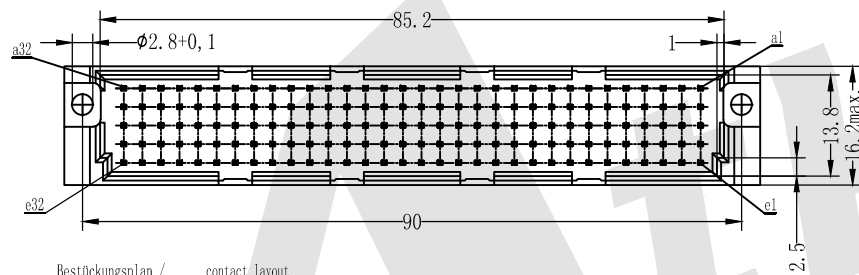
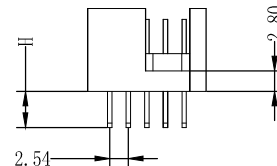
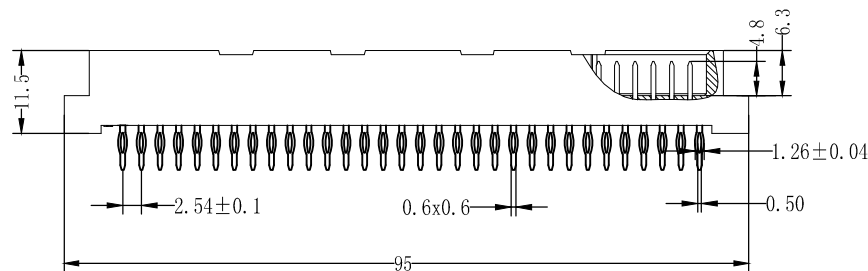
Current Rating: 2.0Amp
 Insulation Resistance: 500MΩ min.at DC 100V
 Contact Resistance: 20mΩ max
 Withstand Voltage: AC 1000V For 1 Minute
 Operating Temperature: -55° C to +105° C
 Contact Material: Brass
 Contact Plating: Au or Sn Over Ni
 Insulator Material:PBT+30%GF UL 94V-0
 Insertion Force:160 pin max.150N
 Withdrawal Force:0.15N min.per individual contact

Ordering Code:

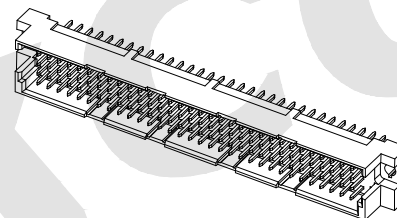
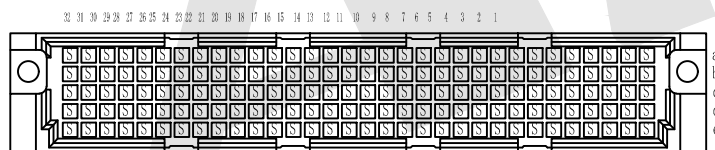
DMS - XX - X - X - X - 509

① ② ③ ④ ⑤ ⑥

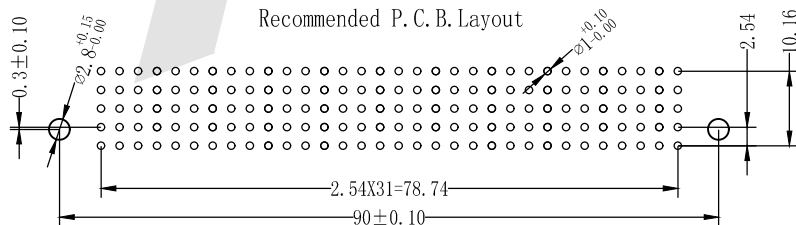
- ① Series No:
- ② No. of Contacts
160 P
- ③ Termination
I: Straight press-fit tail length H=5.0mm
M: Straight press-fit tail length H=13.0mm
N: Straight press-fit tail length H=17.0mm
- ④ Rows Loaded With Contacts
J: Row a+b+c+d+e
- ⑤ Contact Plating
G0: Gold flash
S0: Gold flash/Ni
G1: 3u" Gold
S1: 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
509



Besteckungsplan / contact layout

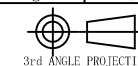


Code	Number Of Contacts	Contact Arrangement	Rows With Contacts	Pitch
J	160	a b c d e	a b c d e	2.54



Unless Otherwise specified tolerance
 X. ±0.35 X.XX: ±0.20
 X.X: ±0.25 X.XXX: ±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

TITLE:
 Din41612 Vertical press fit type E male 160P

DRAWING NO: DMS-XX-XXX-509

PRODUCT NO: DMS-XX-XXX-509

REV	DESCRIPTION	DATE