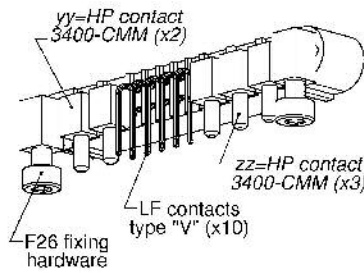
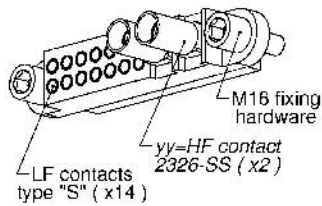
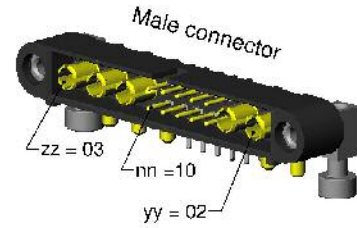
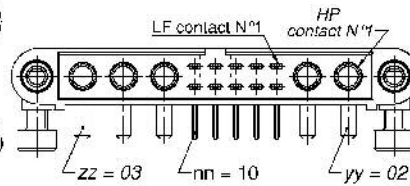


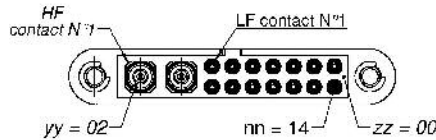
CMM 220 mixed-layout



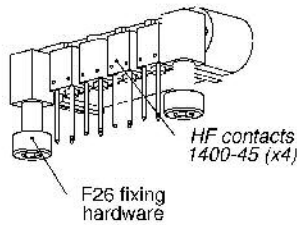
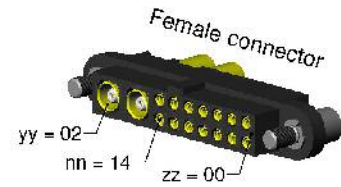
221V10F26-0203-3400CMM



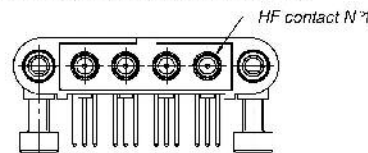
222S14M16-0200-2326SS



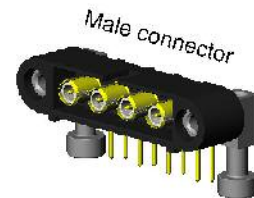
(HF contacts are supplied -not fitted- under P/N 30-2326-SS)



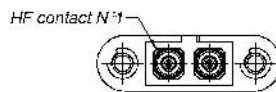
221D00F26-0004-140045



"D" stated in P/N for connectors on PCB with only special contacts.

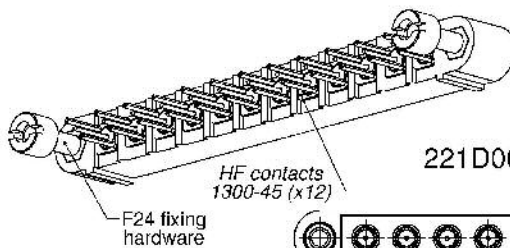
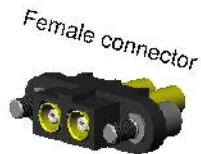


222E00M16-0002-2320SS

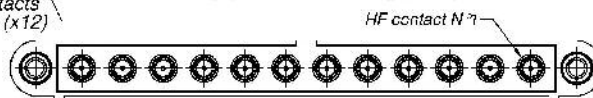


(HF contacts are supplied -not fitted- under P/N 30-2320-SS)

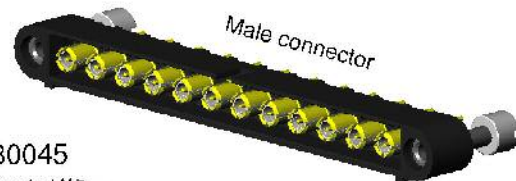
"E" stated in P/N for connectors on cable with only special contacts.



221D00F24-0012-130045



"D" stated in P/N for connectors on PCB with only special contacts.



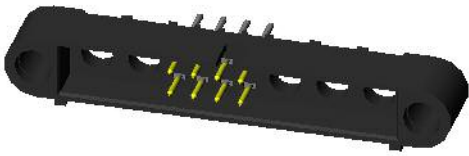
PART NUMBERING REMINDER

Code with Low Frequency contacts only					Additional code for mixed-layout connector (HF/HP)		
Series	Gender	Termination Style	Number of LF contacts	Fixing Hardware	Number of HF/HP contacts pin 1 side (LF contact number 1)	Number of HF/HP contacts opposite to LF contact number 1	HF/HP Contact Type
22	1 male 2 female	Refer to table on page 7	04 to 60	Refer to pages 43, 44, 45	Depends upon the number of LF contacts If use with shifted central key, please refer to page 42 HF / HP : 15 contacts max.	Type of HF/HP contact : please refer to pages 8-9	HP/HP 30

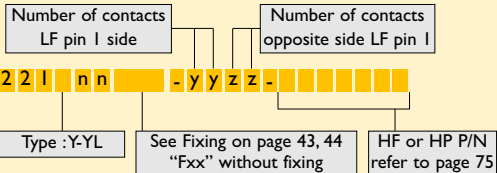
CMM 220

Male mixed-layout

STRAIGHT PCB



Part numbering :

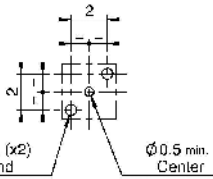


nn = number of LF contacts

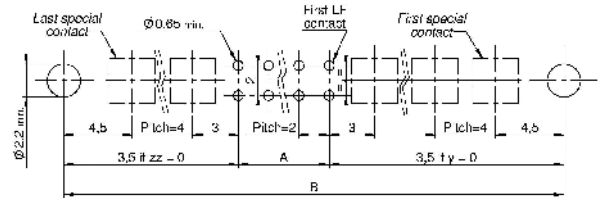
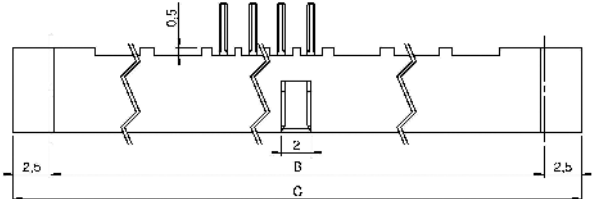
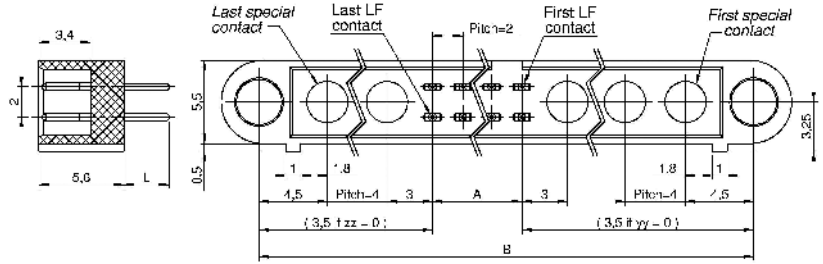
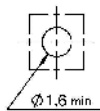
Type	L
Y	3
YL	4,5

Pattern for special contact :

HF 30-1300-xx PCB lay-out



HP 30-3300-xx PCB lay-out



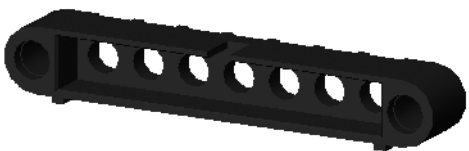
$$A = nn - 2$$

$$B = \{(yy+zz) \times 4\} + A + 7$$

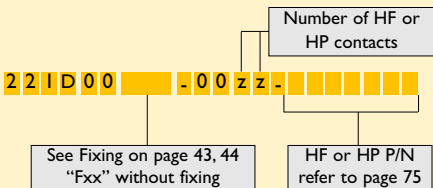
$$B_{\text{max.}} = 65 \text{ mm}$$

$$C = B + 5$$

STRAIGHT PCB FOR COAX CONTACTS ONLY

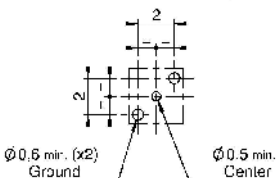


Part numbering :

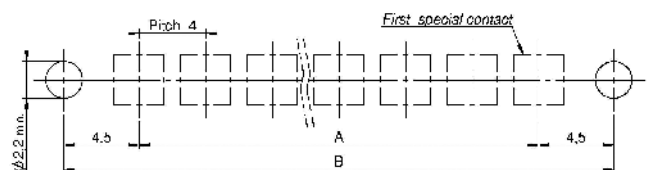
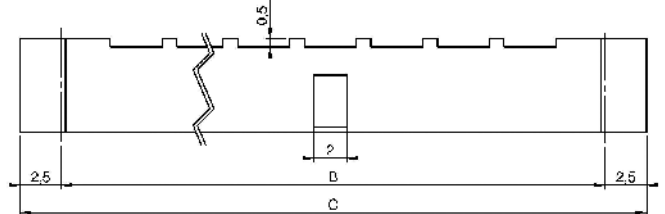
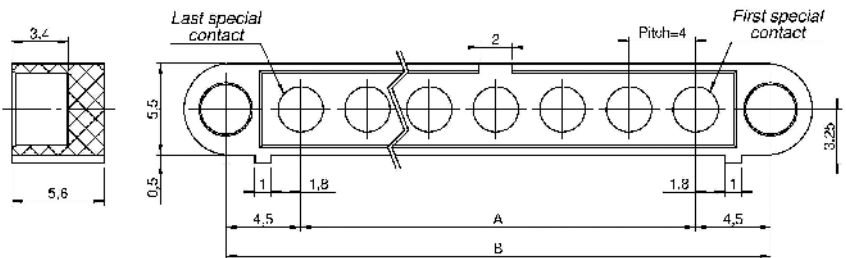
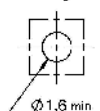


Pattern for special contact :

HF 30-1300-xx PCB lay-out



HP 30-3300-xx PCB lay-out



$$A = (zz \times 4) - 4$$

$$B = A + 9$$

$$C = B + 5$$

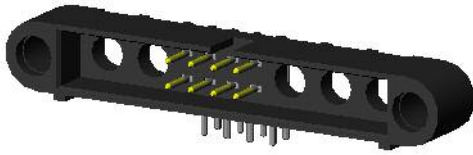
Special contacts min. : 02
max. : 15

Refer to dimension table on cover page

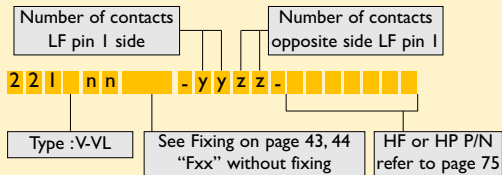
CMM 220

Male mixed-layout

90° PCB



Part numbering :

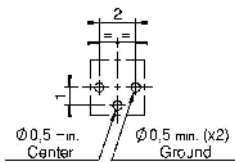


nn = number of LF contacts

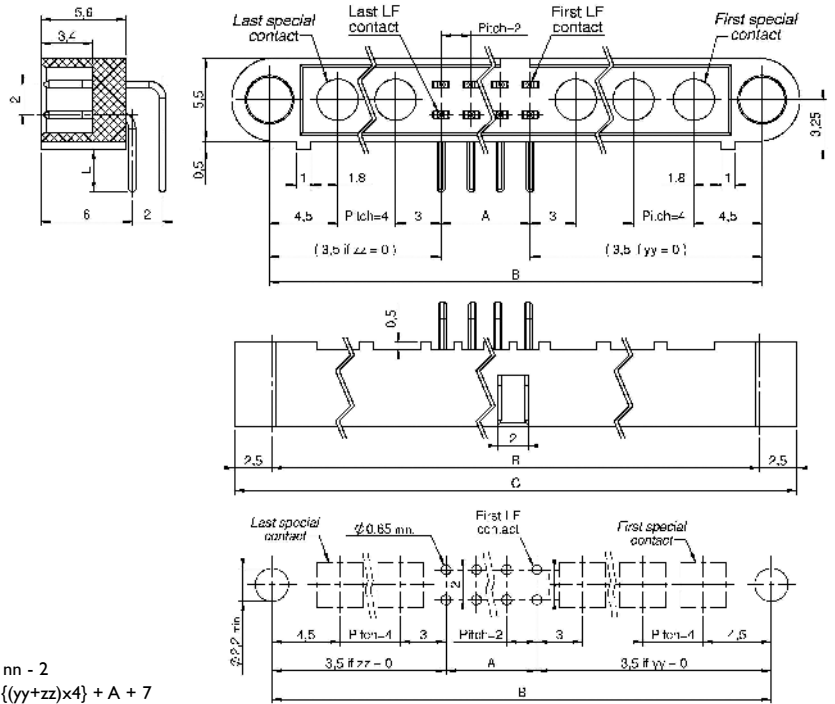
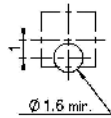
Type	L
V	3
VL	4,5

Pattern for special contact :

HF 30-1400-xx PCB lay-out



HP 30-3400-xx PCB lay-out



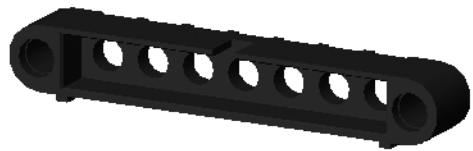
$$A = nn - 2$$

$$B = ((yy+zz) \times 4) + A + 7$$

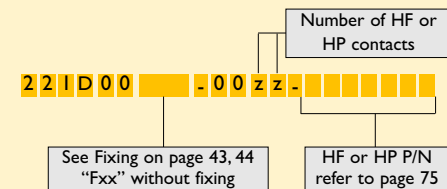
$$B_{max} = 65 \text{ mm}$$

$$C = B + 5$$

90° PCB FOR COAX CONTACTS ONLY

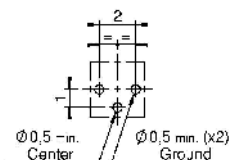


Part numbering :

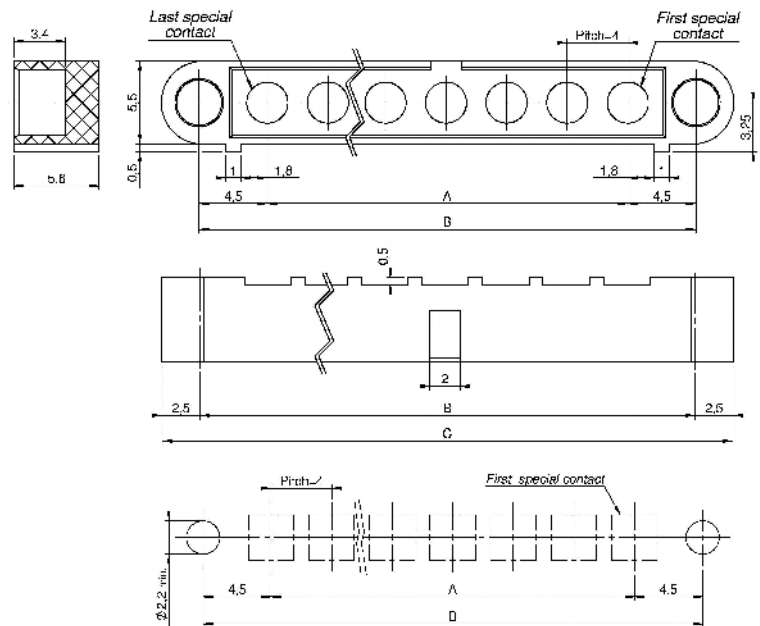
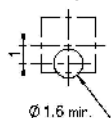


Pattern for special contact :

HF 30-1400-xx PCB lay-out



HP 30-3400-xx PCB lay-out



$$A = (zz \times 4) - 4$$

$$B = A + 9$$

$$C = B + 5$$

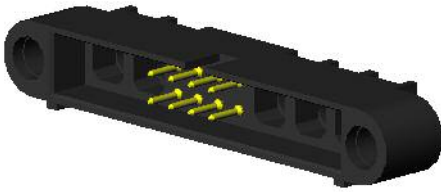
Special contacts min. : 02
max. : 15

Refer to sizes information table on cover page

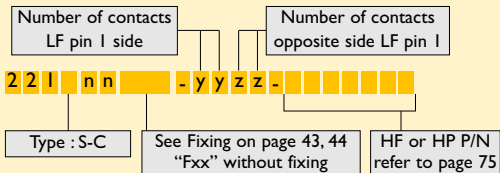
CMM 220

Male mixed-layout

CRIMP

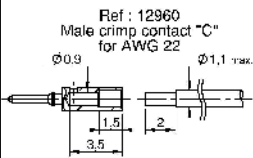


Part numbering :

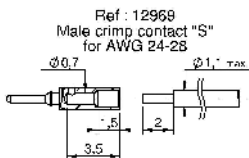


nn = number of LF contacts

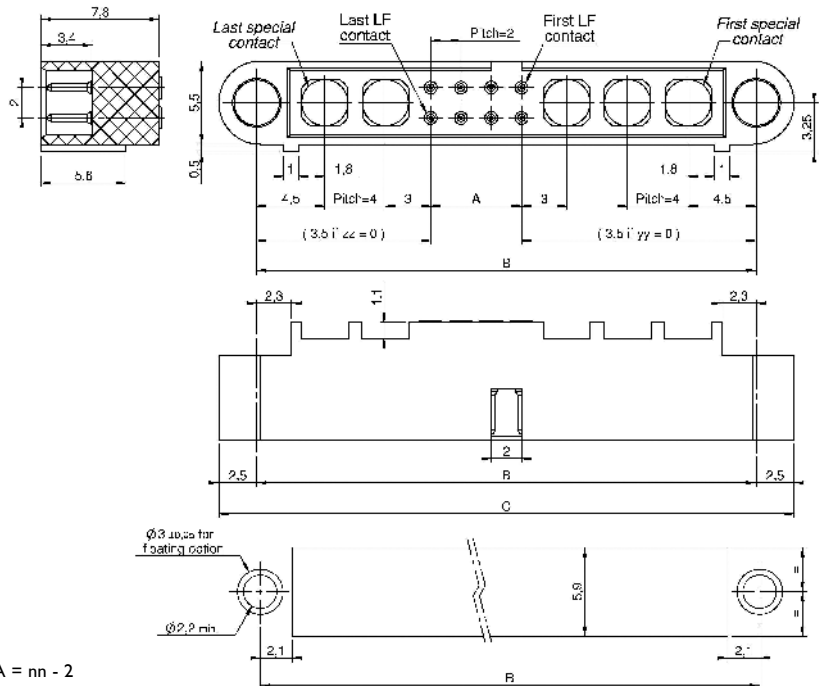
Type	Gauge
S	24-28
C	22



Ref : 12960
Male crimp contact "C"
for AWG 22



Ref : 12969
Male crimp contact "S"
for AWG 24-28



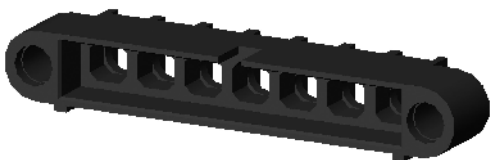
$$A = nn - 2$$

$$B = \{(yy+zz) \times 4\} + A + 7$$

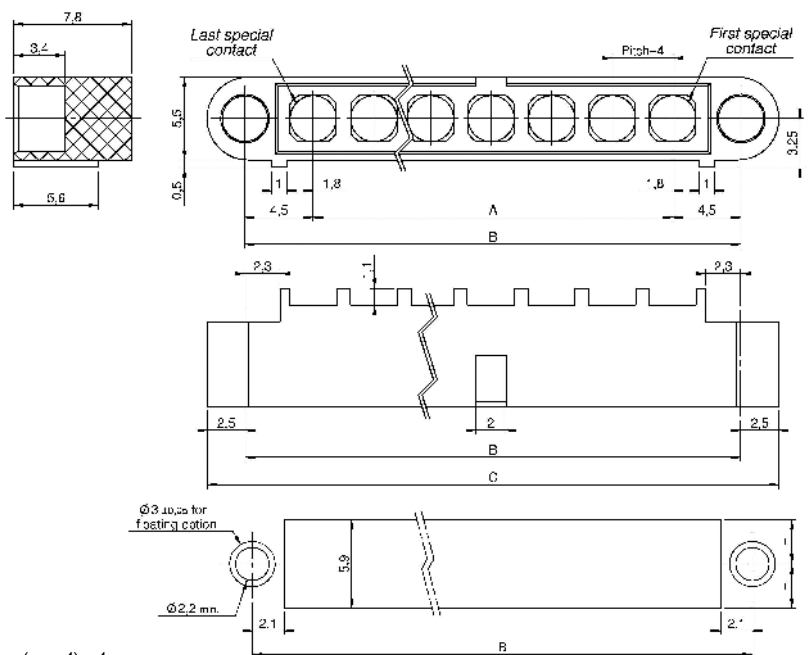
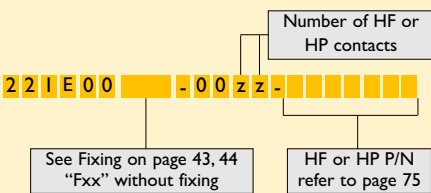
$$B_{max} = 65 \text{ mm}$$

$$C = B + 5$$

CRIMP FOR COAX CONTACTS ONLY



Part numbering :



$$A = (zz \times 4) - 4$$

$$B = A + 9$$

$$C = B + 5$$

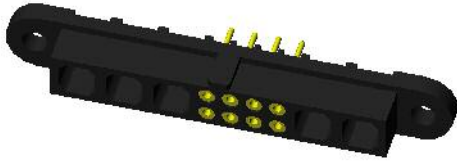
Special contacts min. : 02
max. : 15

Refer to dimension table
on cover page

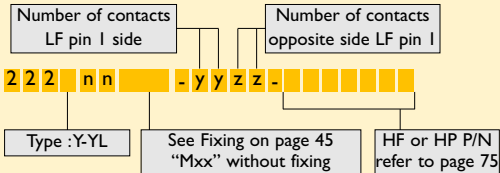
CMM 220

Female mixed-layout

STRAIGHT PCB



Part numbering :

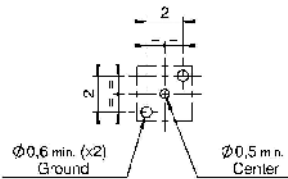


nn = number of LF contacts

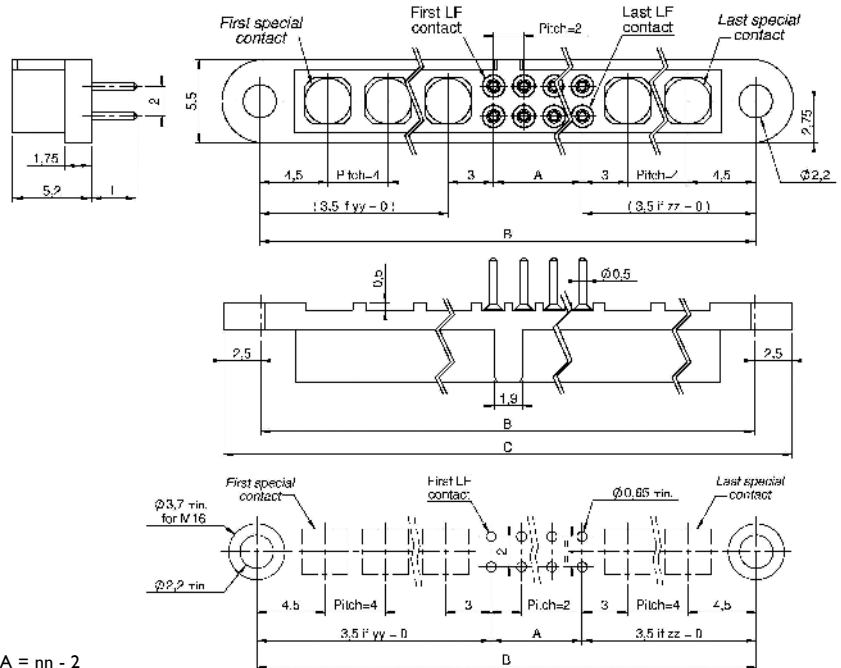
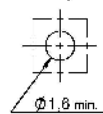
Type	L
Y	3
YL	4,5

Pattern for special contact :

HF 30-2300-xx PCB lay-out



HP 30-4300-xx PCB lay-out



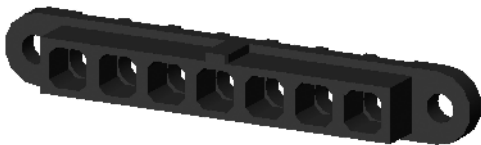
$$A = nn - 2$$

$$B = ((yy+zz) \times 4) + A + 7$$

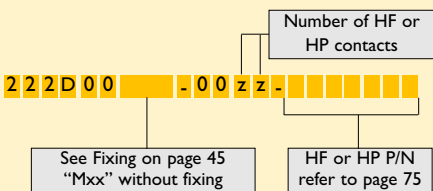
$$B_{max} = 65 \text{ mm}$$

$$C = B + 5$$

STRAIGHT PCB FOR COAX CONTACTS ONLY

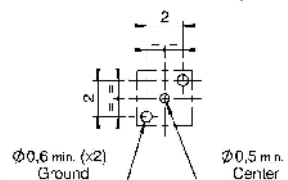


Part numbering :

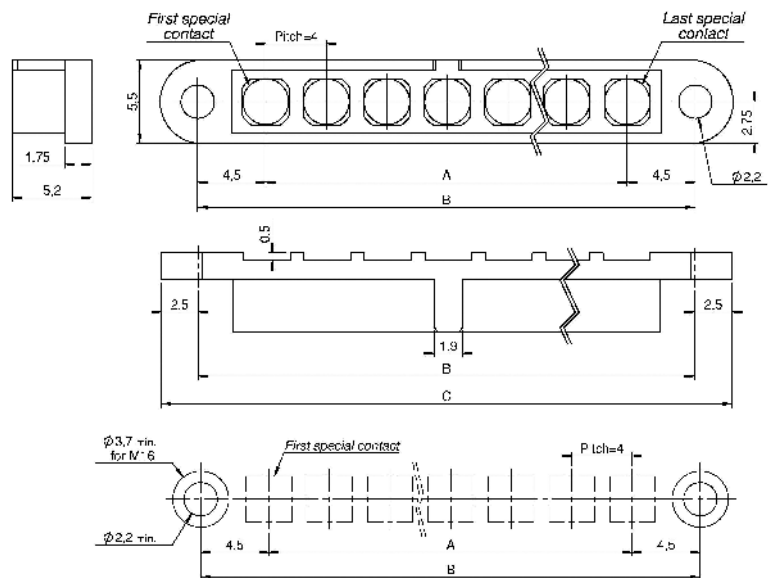
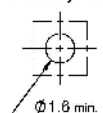


Pattern for special contact :

HF 30-2300-xx PCB lay-out



HP 30-4300-xx PCB lay-out



Special contacts min. : 02
max. : 15

$$A = (zz \times 4) - 4$$

$$B = A + 9$$

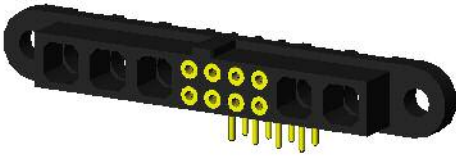
$$C = B + 5$$

Refer to dimension table on cover page

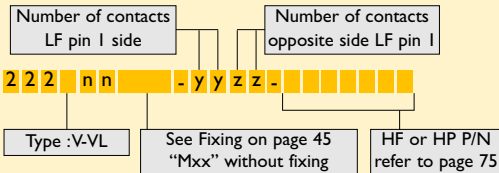
CMM 220

Female mixed-layout

90° PCB



Part numbering :

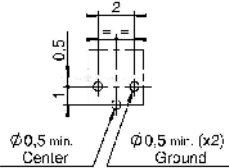


nn = number of LF contacts

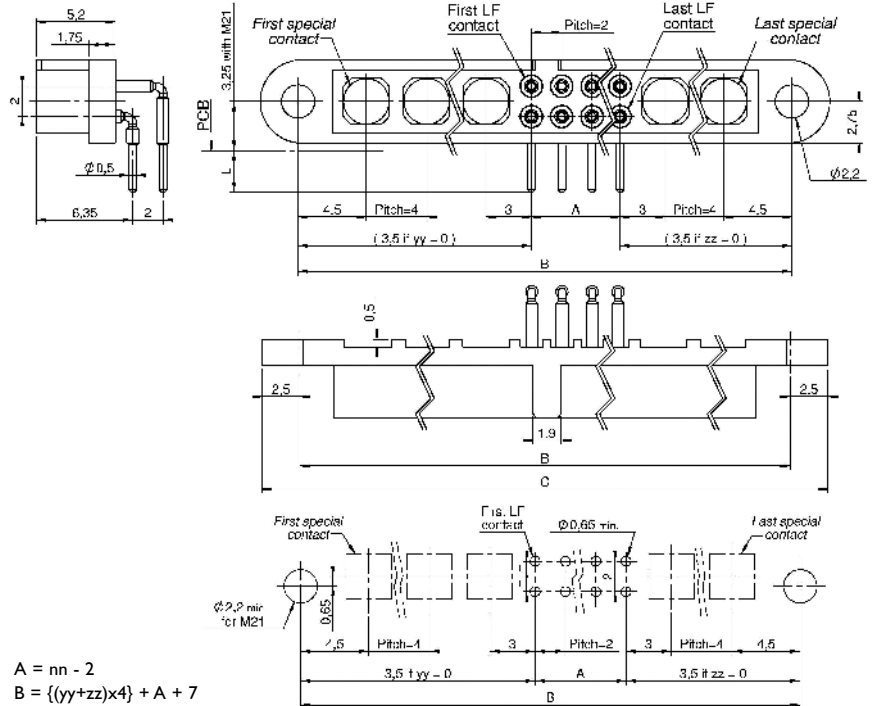
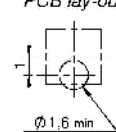
Type	L
V	3
VL	4,5

Pattern for special contact :

HF 30-2400-xx PCB lay-out



HP 30-4400-xx PCB lay-out



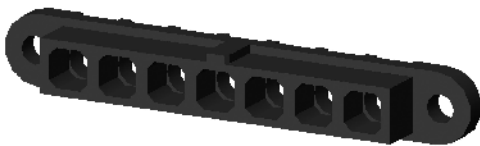
$$A = nn - 2$$

$$B = \{(yy+zz) \times 4\} + A + 7$$

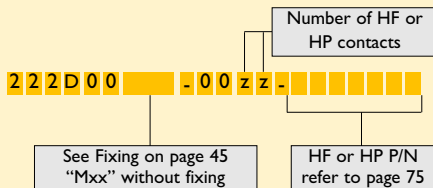
$$B_{max.} = 65 \text{ mm}$$

$$C = B + 5$$

90° PCB FOR COAX CONTACTS ONLY

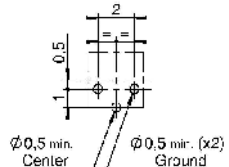


Part numbering :

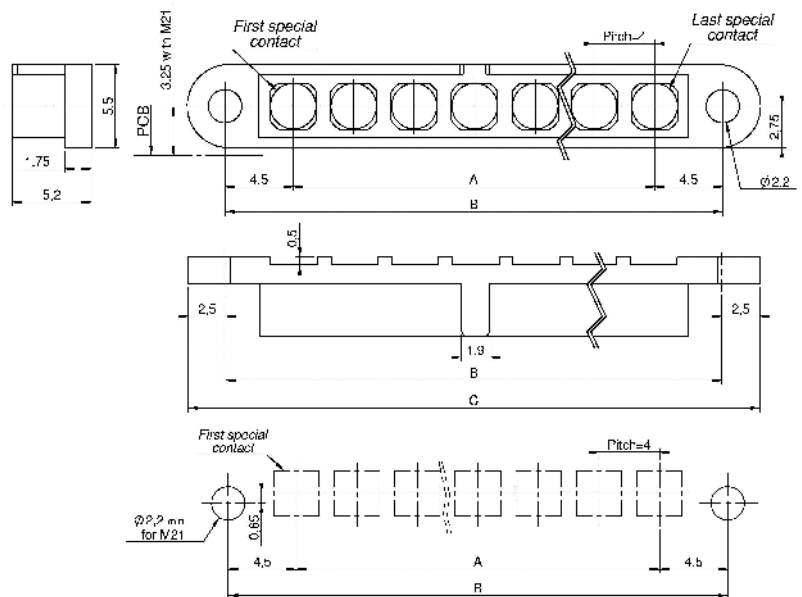
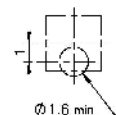


Pattern for special contact :

HF 30-2400-xx PCB lay-out



HP 30-4400-xx PCB lay-out



$$A = (zz \times 4) - 4$$

$$B = A + 9$$

$$C = B + 5$$

Special contacts min.: 02
max.: 15

Refer to dimension table on cover page

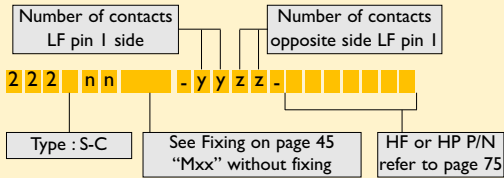
CMM 220

Female mixed-layout

CRIMP

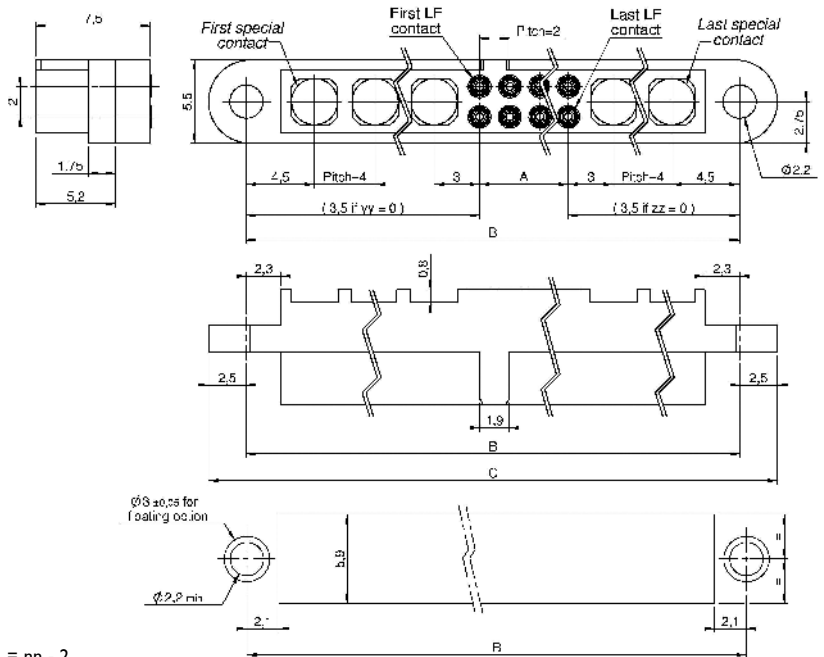
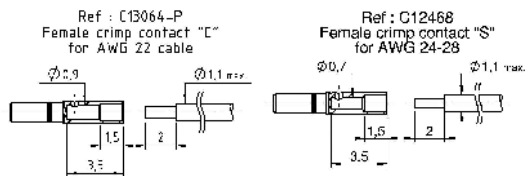


Part numbering :



nn = number of LF contacts

Type	Gauge
S	24-28
C	22



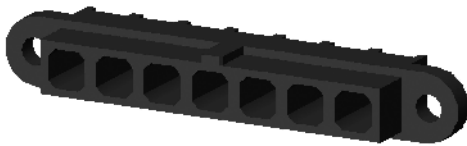
$$A = nn - 2$$

$$B = ((yy+zz) \times 4) + A + 7$$

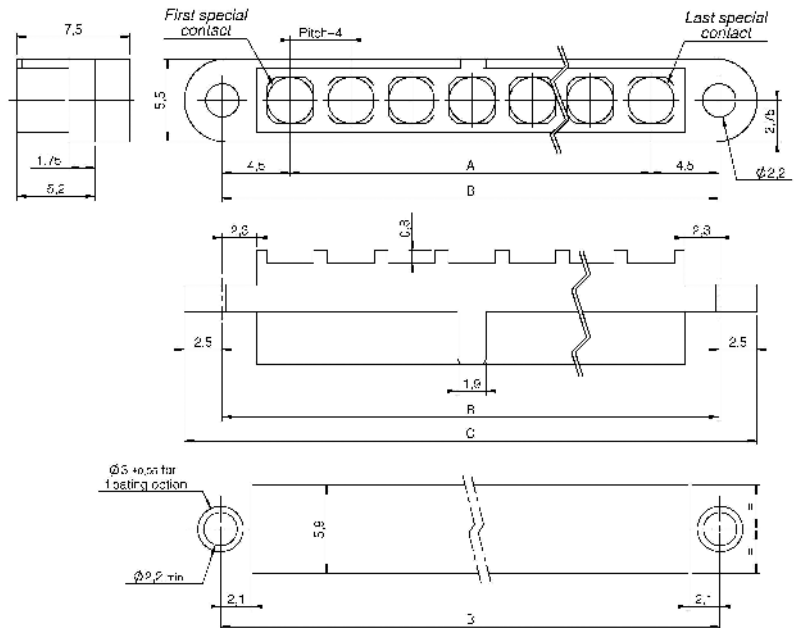
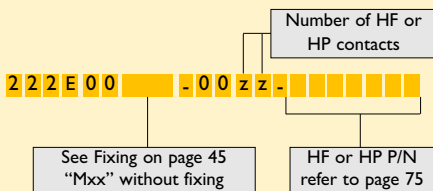
$$B_{max} = 65 \text{ mm}$$

$$C = B + 5$$

CRIMP FOR COAX CONTACTS ONLY



Part numbering :



$$A = (zz \times 4) - 4$$

$$B = A + 9$$

$$C = B + 5$$

Special contacts min. : 02
max. : 15

Refer to dimension table
on cover page