

Customer Information

DRAWING No.: M80-4000000F2-XX-XXX-00-000 THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

SPECIFICATIONS: MATERIAL: MOULDING: GLASS FILLED PPS, UL94V-0, BLACK POWER & COAX CONTACT: BODY = COPPER ALLOY INNER CONTACT = BERYLLIUM COPPER INSULATOR = PTFE

JACKSCREW, CIRCLIP: STAINLESS STEEL FINISH: POWER & COAX CONTACT

BODY, SLEEVE, INNER CONTACT = GOLD ELECTRICAL:

WORKING VOLTAGE = 120V AC/DC VOLTAGE PROOF = 360V AC/DC INSULATION RESISTANCE = 100MΩ MIN POWER CONTACT:

CONTACT RESISTANCE = $6m\Omega$ MAX CURRENT RATING = 20A MAX COAX CONTACT:

FREQUENCY RANGE = 6GHz IMPEDANCE = 50 Ω

V.S.W.R = 1.05 + (0.04 x FREQUENCY) GHz MAX CONTACT RESISTANCE 6 m Ω MAX

INSULATION RESISTANCE = $10^6 \text{M}\Omega$ @250V AC OPERATING VOLTAGE = 180V AC @ 500mA MAXIMUM VOLTAGE = 1000V AC

MECHANICAL:

DURABILITY = 500 OPERATIONS POWER & COAX CONTACT:

INSERTION FORCE = 5N MAX WITHDRAWAL FORCE = 0.5N MIN

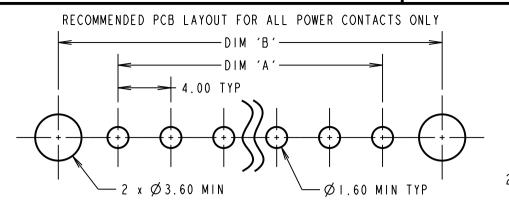
ENVIRONMENTAL: TEMPERATURE RANGE = -55°C TO +125°C

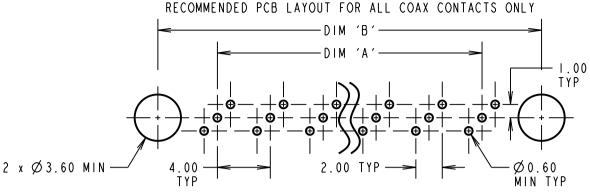
PACKING:

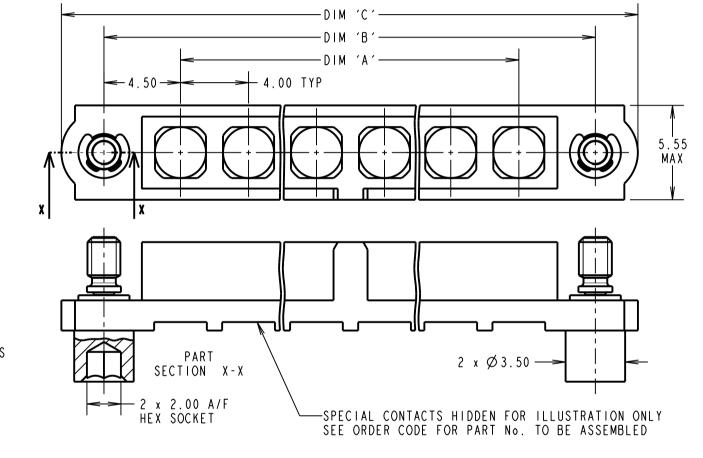
FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION COO5XX (LATEST ISSUE)

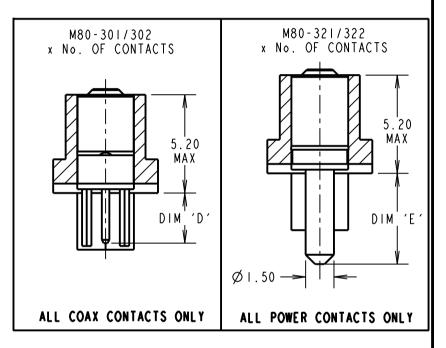
I. FOR EXAMPLE OF ALL COAX SPECIAL CONTACTS ORDER CODE SEE EXAMPLE I IN TABLE

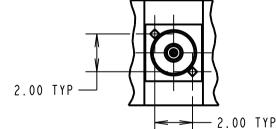
2. FOR EXAMPLE OF ALL POWER SPECIAL CONTACTS ORDER CODE SEE EXAMPLE 2 IN TABLE.











PC TAIL VERTICAL CONTACTS ONLY

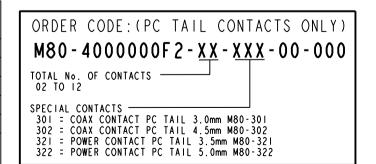
DIMENSION	CALCULATION
DIM 'A'	4 x No. OF CONTACTS -4.00
DIM 'B'	4 x No. OF CONTACTS + 5.00
DIM 'C'	4 x No. OF CONTACTS + 10.00
DIM 'D'	M80-301 = 3.00mm, M80-302 = 4.50mm
DIM 'E'	M80-321 = 3.50mm, M80-322 = 5.00mm

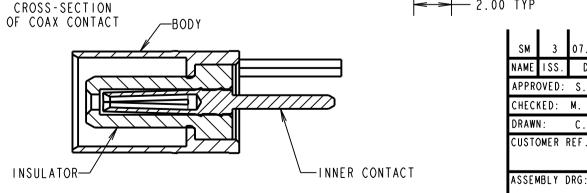
EXAMPLE I: CONNNECTOR WITH 08 COAX CONTACTS, M80-400000F2-08-30I-00-000

DIM 'A' = 28.00mm, DIM 'B' = 37.00mm, DIM 'C' = 42.00mm DIM'D' = 3.00mm

EXAMPLE 2: CONNECTOR WITH 10 POWER CONTACTS, M80-400000F2-I0-32I-00-000

DIM 'A' = 36.00mm, DIM 'B' = 45.00mm, DIM 'C' = 50.00mm DIM 'E' = 3.50 mm





SM	3	07.04.11	11222	
NAME	ISS.	DATE	C/NOTE	
APPROVED: S. MCCULLAGH				
CHEC	KED:	M. G. PLI	ESTED	
DRAW	١:	C.PENROS	SE	
CUSTO	OMER F	REF.:		

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TOLERANCES X. = ±1mm X.X = ±0.25mm X.XX = ±0.10mm $X.XXX = \pm 0.01$ mm ANGLES = ±5°

UNLESS STATED

MATERIAL: SEE ABOVE FINISH: SEE ABOVE

S/AREA:

TITLE: JACKSCREW DATAMATE MIXED TECHNOLOGY FEMALE ASSY WITH HEX SOCKET J/S

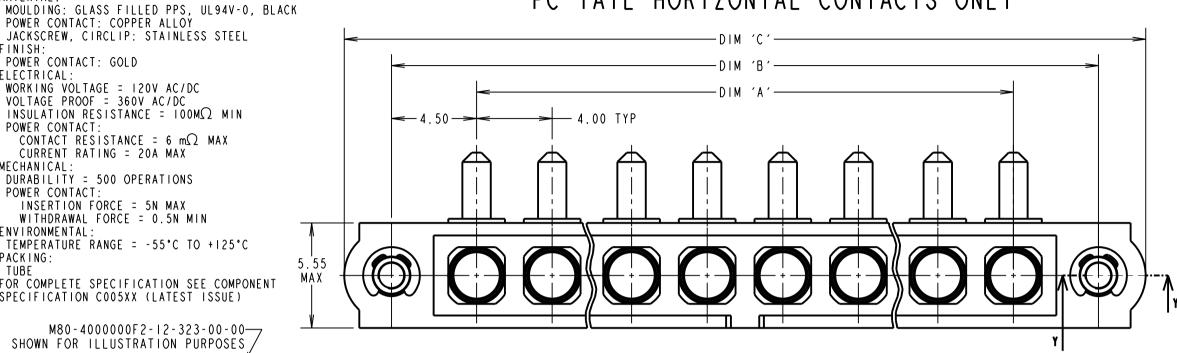
DRAWING NUMBER:

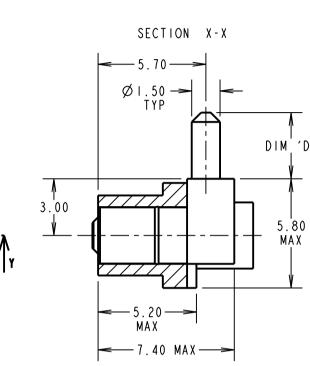
M80-400000F2-XX-XXX-00-000

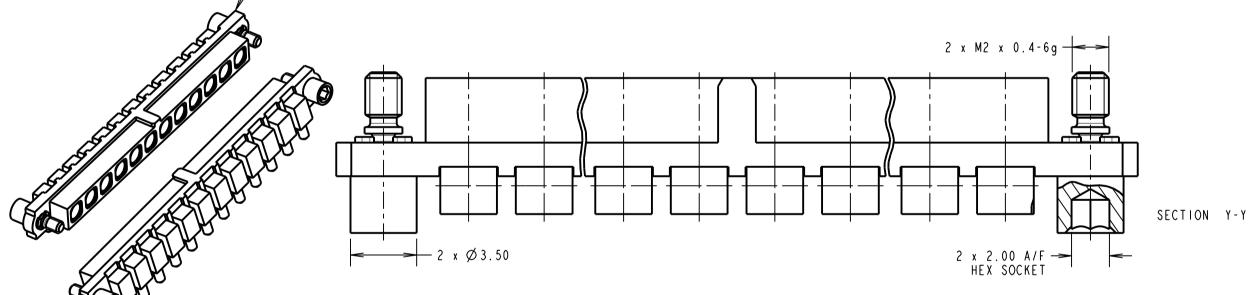
Customer Information

DRAWING No.: M80-4000000F2-XX-XXX-00-000 THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

PC TAIL HORIZONTAL CONTACTS ONLY







DIMENSION	CALCULATION
DIM 'A'	4 x No. OF CONTACTS -4.00
DIM 'B'	4 x No. OF CONTACTS + 5.00
DIM 'C'	4 x No. OF CONTACTS + 10.00
DIM 'D'	M80-323 = 3.50mm, M80-324 = 5.00mm

SPECIFICATIONS:

POWER CONTACT: GOLD

JACKSCREW, CIRCLIP: STAINLESS STEEL

INSULATION RESISTANCE = $100M\Omega$ MIN

CONTACT RESISTANCE = 6 m Ω MAX

TEMPERATURE RANGE = -55°C TO +125°C

SHOWN FOR ILLUSTRATION PURPOSES

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION COO5XX (LATEST ISSUE)

 $M80 - 4000000F2 - 12 - 323 - 00 - 00 \longrightarrow$

WORKING VOLTAGE = 120V AC/DC VOLTAGE PROOF = 360V AC/DC

CURRENT RATING = 20A MAX

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 5N MAX WITHDRAWAL FORCE = 0.5N MIN

MATERIAL:

ELECTRICAL:

MECHANICAL:

POWER CONTACT:

POWER CONTACT:

ENVIRONMENTAL:

PACKING:

TUBE

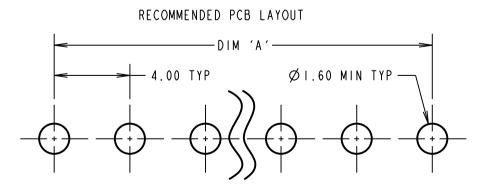
EXAMPLE 1: CONNECTOR WITH 10 POWER CONTACTS 3.5mm, M80-4000000F2-10-323-00-000

DIM 'A' = 36.00mm, DIM 'B' = 45.00mm, DIM 'C' = 50.00mm DIM 'D' = 3.50mm

EXAMPLE 2: CONNECTOR WITH 10 POWER CONTACTS 5.0mm, M80-400000F2-10-324-00-000

DIM 'A' = 36.00mm, DIM 'B' = 45.00mm, DIM 'C' = 50.00mm DIM 'D' = 5.00mm

ORDER CODE: (FEMALE HORIZONTAL POWER CONTACTS ONLY)
M80-4000000F2- <u>XX</u> - <u>XXX</u> -00-000
TOTAL No. OF CONTACTS ————————————————————————————————————
FEMALE HORIZONTAL POWER CONTACTS 323 = POWER CONTACT PC TAIL 3.5mm M80-323 324 = POWER CONTACT PC TAIL 5.0mm M80-324



S/AREA:

	1 1			
SM	3	07.04.	П	11222
NAME	ISS.	DATE		C/NOTE
APPRO	OVED:	S. MC	CU	LLAGH
CHEC	KED:	M. G.	PL	ESTED
DRAW	١:	C.PEI	NRC	SE
CUSTO	OMER I	REF.:		
ASSEM	MBLY (ORG:		

	ARW!N
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HARWIN Asia

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MATERIAL: SEE ABOVE FINISH: SEE ABOVE

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