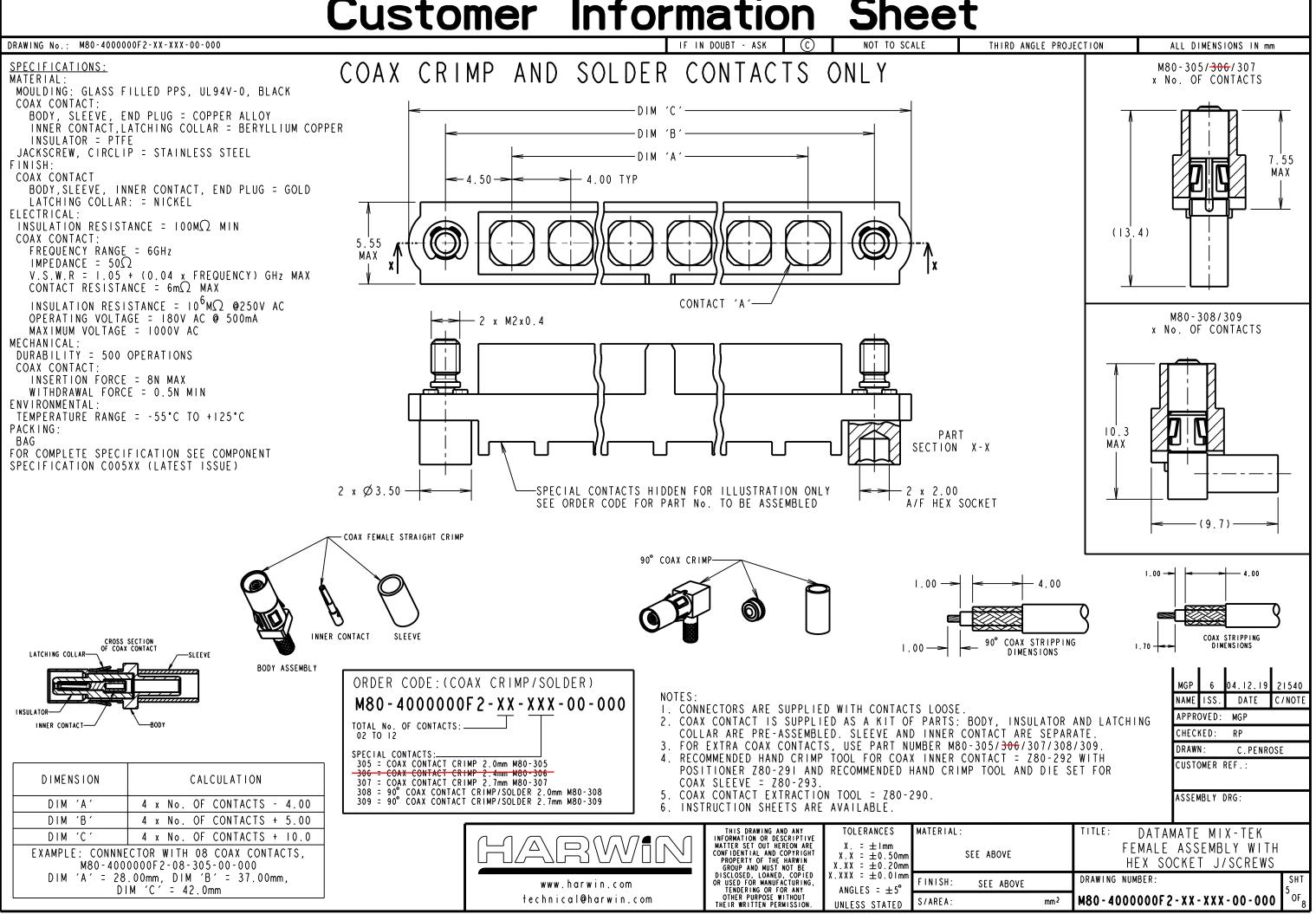
# **Customer Information Sheet**

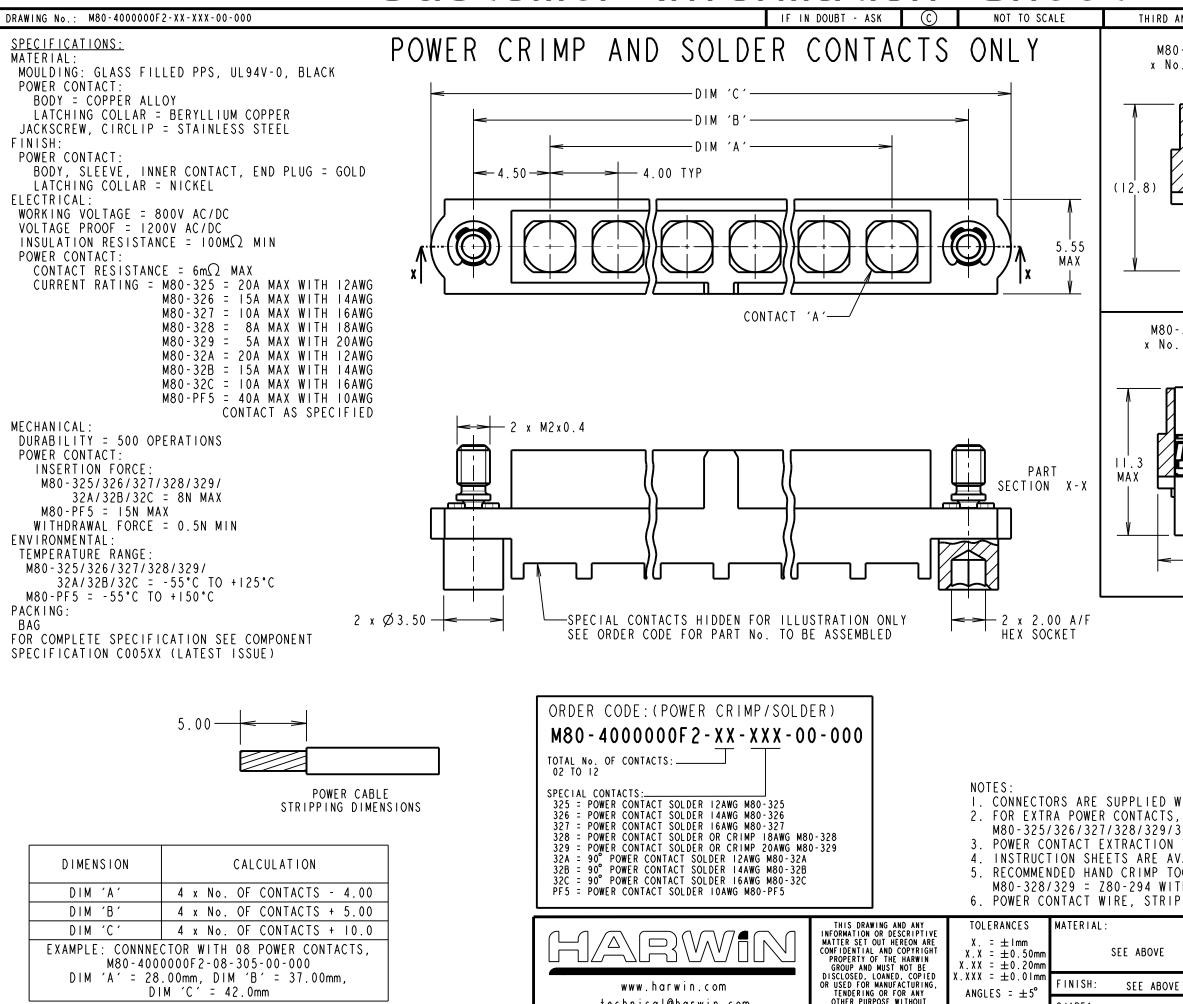


## Customer Information Sheet

OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION

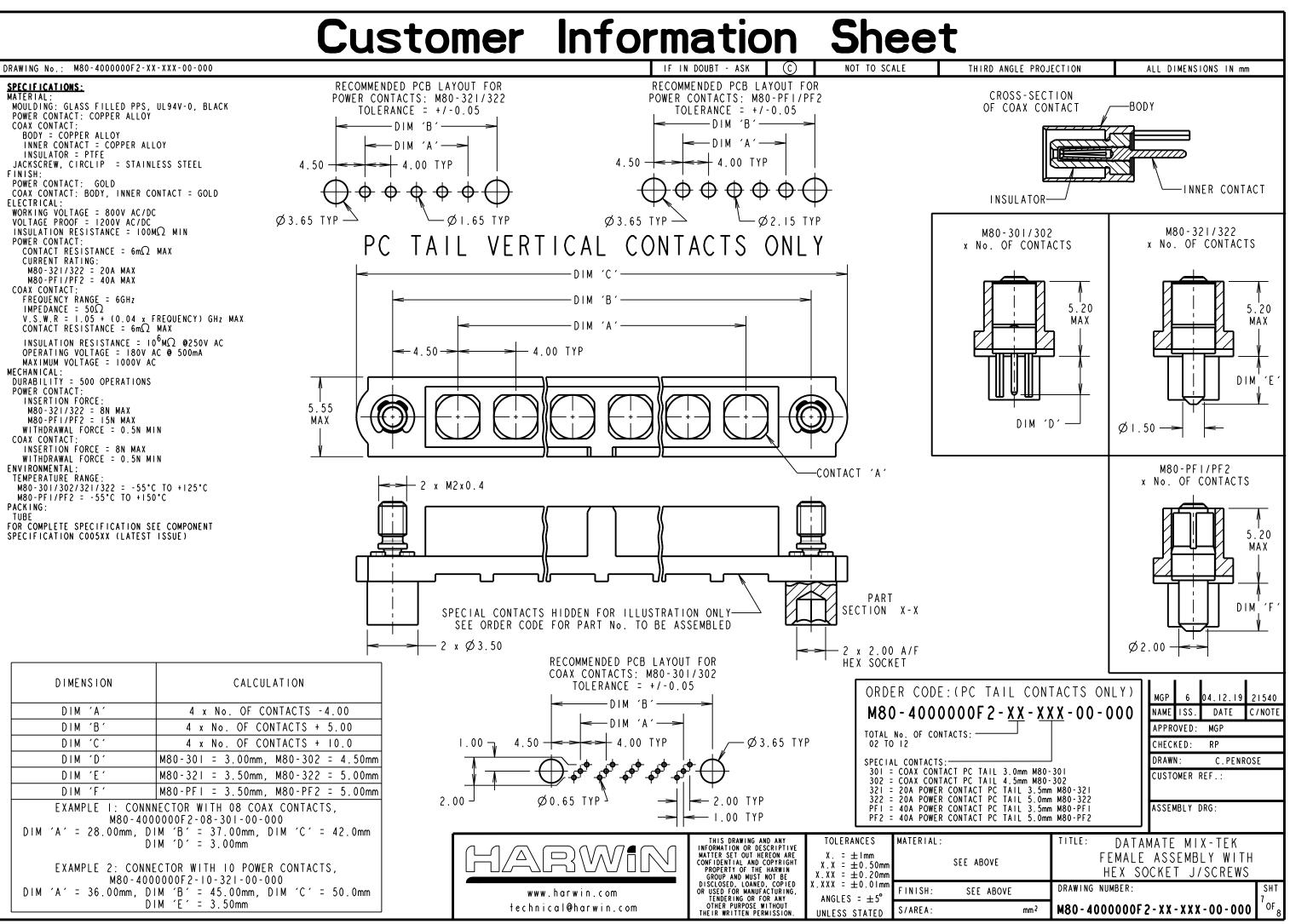
S/AREA:

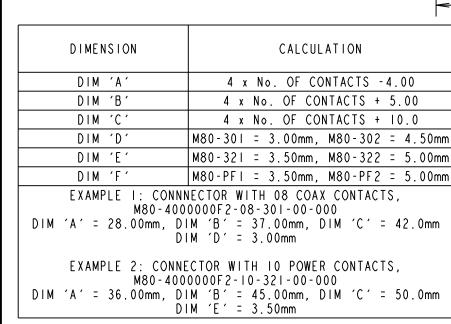
UNLESS STATED

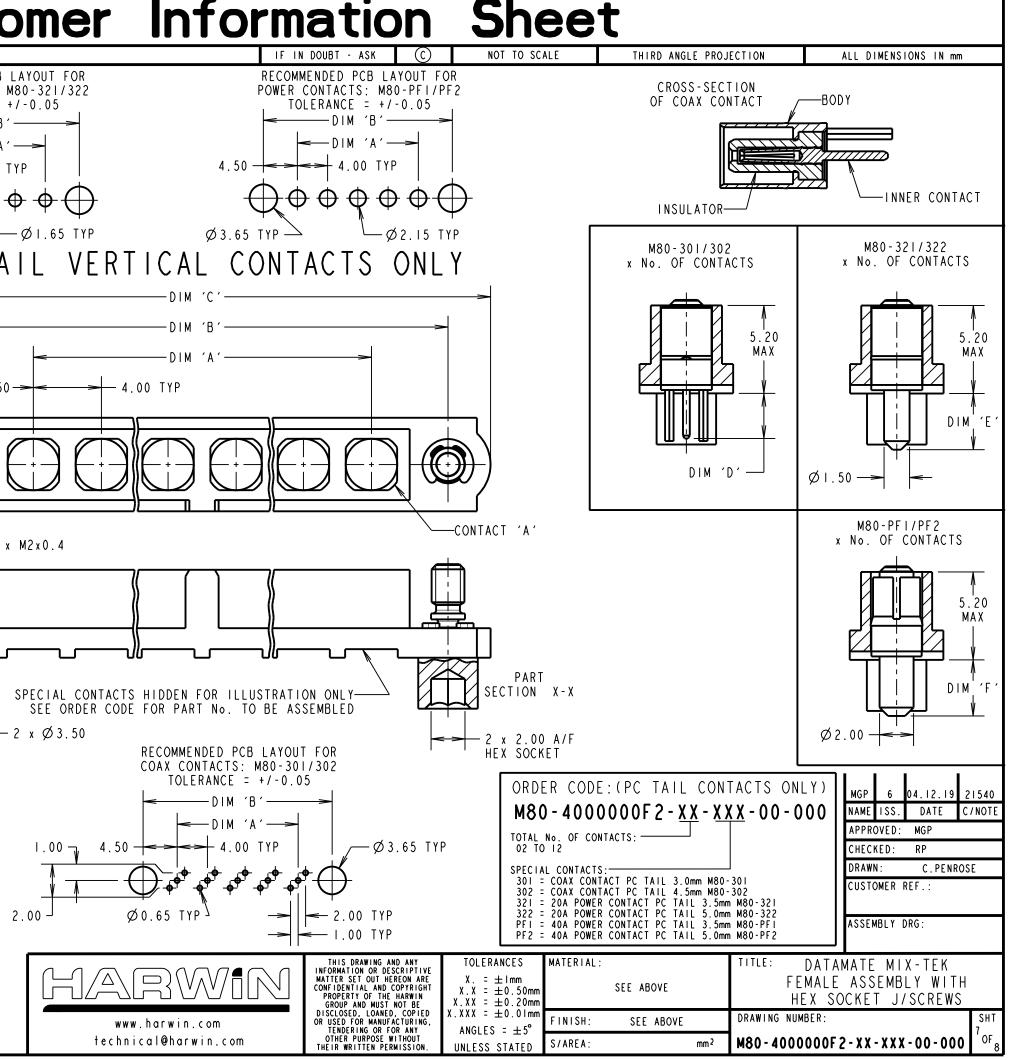


technical@harwin.com

- 325/326/327 . OF CONTACTS	ALL DIMENSIONS IN mm M80-328/329 x No. OF CONTACTS				
7.55 MAX	(14.0)				
32A/32B/32C OF CONTACTS	M80-PF5 x No. OF CONTACTS				
	(13.9)				
WITH CONTACTS LOOSE. USE PART NUMBERS: 32A/32B/32C/PF5. TOOL = Z80-290. /AILABLE. OOL FOR CONTACTS H POSITIONER Z80-295. P BY 5.00mm MINIMUM. TITLE: DATAMATE MIX-TEK FEMALE ASSEMBLY WITH HEX SOCKET J/SCREWS DRAWING NUMBER: SHT					
mm <sup>2</sup> M80 - 4000000F 2 - X X - X X X - 00 - 000 <sup>6</sup> OF <sub>8</sub>					







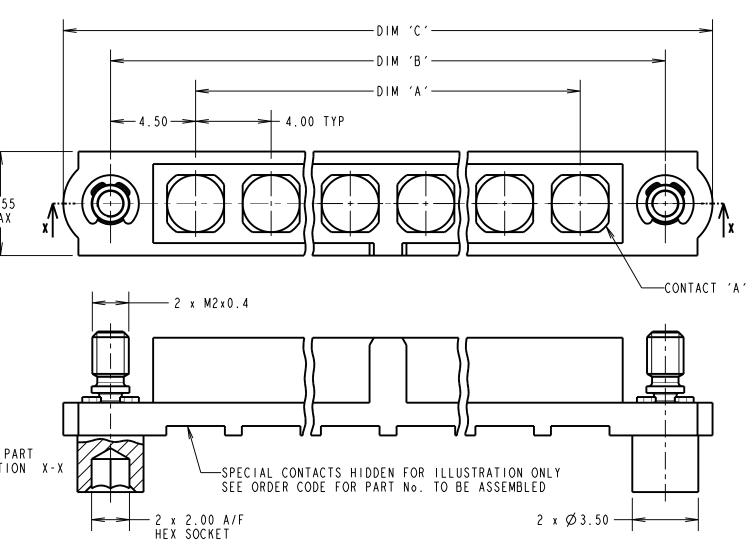
#### **Customer Information Sheet** IF IN DOUBT - ASK (0)

DRAWING No.: M80-4000000F2-XX-XXX-00-000

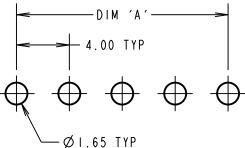
### SPECIFICATIONS: MATERIAL:

MOULDING: GLASS FILLED PPS, UL94V-0, BLACK POWER CONTACT: COPPER ALLOY COAX CONTACT: BODY = COPPER ALLOY INNER CONTACT = COPPER ALLOY INSULATOR = PTFE JACKSCREW, CIRCLIP = STAINLESS STEEL FINISH: POWER CONTACT: GOLD COAX CONTACT: BODY, INNER CONTACT = GOLD ELECTRICAL: WORKING VOLTAGE = 800V AC/DC VOLTAGE PROOF = 1200V AC/DC INSULATION RESISTANCE = 100M $\Omega$  MIN -4.50-POWER CONTACT: CONTACT RESISTANCE =  $6m\Omega$  MAX CURRENT RATING: M80-323/324 = 20A MAX M80-PF3/PF4 = 40A MAX MECHANICAL: DURABILITY = 500 OPERATIONS 5.55 POWER CONTACT: INSERTION FORCE: M80-323/324 = 8N MAX M80-PF3/PF4 = 15N MAX MAX χI WITHDRAWAL FORCE = 0.5N MIN ENVIRONMENTAL: **TEMPERATURE RANGE:** M80-323/324 = -55°C TO +125°C M80-PF3/PF4 = -55°C TO +150°C PACKING: TUBE FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION CO05XX (LATEST ISSUE) PART SECTION X-X HEX SOCKET ORDER CODE: (FEMALE HORIZONTAL POWER CONTACTS ONLY) M80-400000F2-XX-XXX-00-000 TOTAL No. OF CONTACTS: -02 TO 12 FEMALE HORIZONTAL POWER CONTACTS: 323 = 20A POWER CONTACT PC TAIL 3.5mm M80-323 324 = 20A POWER CONTACT PC TAIL 5.0mm M80-324 PF3 = 40A POWER CONTACT PC TAIL 3.5mm M80-PF3 PF4 = 40A POWER CONTACT PC TAIL 5.0mm M80-PF4 DIMENSION CALCULATION 4 x No. OF CONTACTS -4.00 DIM 'A' DIM 'B' 4 x No. OF CONTACTS + 5.00 DIM 'C' 4 x No. OF CONTACTS + 10.0 DIM 'D' M80-323 = 3.50mm, M80-324 = 5.00mm M80-PF3 = 3.50mm, M80-PF4 = 5.00mm DIM 'E' EXAMPLE I: CONNECTOR WITH 10 POWER CONTACTS 3.5mm. M80-400000F2-10-323-00-000 DIM 'A' = 36.00mm, DIM 'B' = 45.00mm, DIM 'C' = 50.0mm DIM 'D' = 3,50mm

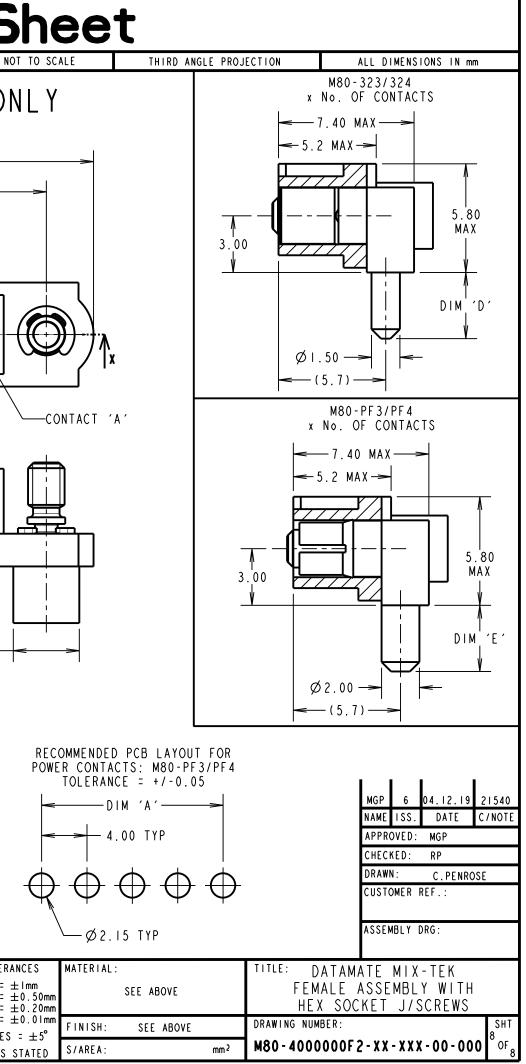
PC TAIL HORIZONTAL CONTACTS ONLY



RECOMMENDED PCB LAYOUT FOR POWER CONTACTS: M80-323/324 TOLERANCE = +/-0.05



DIM ´A´-



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www.harwin.com	DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY	$X.XXX = \pm 0.01$ mm ANGLES = $\pm 5^{\circ}$	FINISH:	SEE ABOVE
technical@harwin.com	OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.	UNLESS STATED	S/AREA:	

## **Mouser Electronics**

Authorized Distributor

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