Customer Information Sheet

SPECIFICATIONS:
 MATERIALS:
  BODY = COPPER ALLOY
  LATCHING COLLAR = BERYLLIUM COPPER
 FINISH:
  BODY = GOLD
  LATCHING COLLAR = NICKEL
 ELECTRICAL:
  CONTACT RESISTANCE = 6mΩ MAX
  CURRENT RATING = 20A (CABLE DEPENDENT)
 MECHANICAL:
  DURABILITY = 500 OPERATIONS
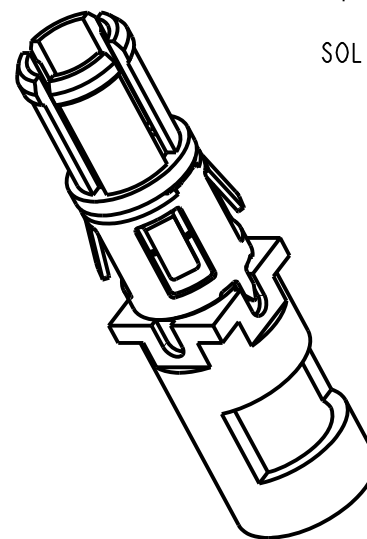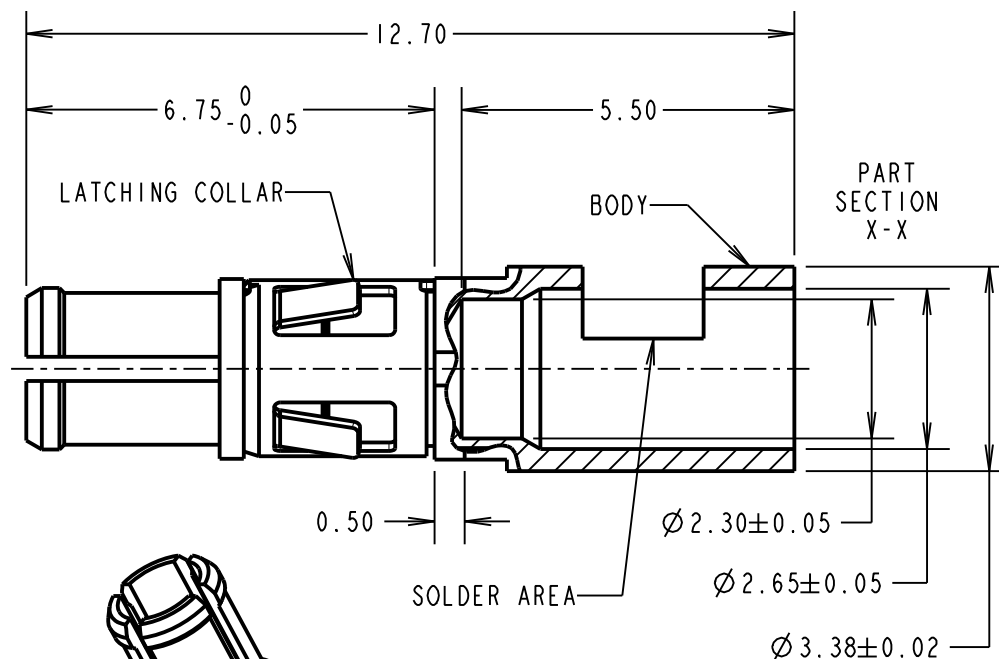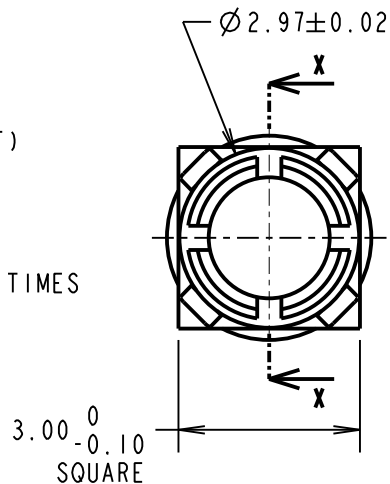 INSERTION FORCE = 8N MAX
  WITHDRAWAL FORCE = 0.5N MIN
  CONTACT REPLACEMENT IN INSULATOR = 5 TIMES
 ENVIRONMENTAL:
  TEMPERATURE RANGE = -55°C TO +125°C

$\varnothing 2.97 \pm 0.02$

12.70

$6.75 \begin{smallmatrix} 0 \\ -0.05 \end{smallmatrix}$

5.50

LATCHING COLLAR

BODY

PART SECTION X-X

$3.00 \begin{smallmatrix} 0 \\ -0.10 \end{smallmatrix}$ SQUARE

0.50

SOLDER AREA

$\varnothing 2.30 \pm 0.05$

$\varnothing 2.65 \pm 0.05$

$\varnothing 3.38 \pm 0.02$

NOTES:
1. CONNECTOR COMES SUPPLIED ASSEMBLED.
2. STRIP WIRE BY 5.00mm MINIMUM.
3. CONTACT EXTRACTION TOOL = Z80-290
4. FOR ALL OTHER ELECTRICAL/MECHANICAL
   REQUIREMENTS, SEE COMPONENT
   SPECIFICATION C005XX (LATEST ISSUE).
5. MAX CABLE SIZE = $\varnothing 2.25$ / 12 AWG
   (37/0.32 OR 19/0.45)

MGP	6	04.01.13	11898
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWiN

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TOLERANCES
 X. = ±1mm
 X.X = ±0.25mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
UNLESS STATED

MATERIAL:
 SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE MIX-TEK
POWER CONTACT
MALE STRAIGHT SOLDER

DRAWING NUMBER:
M80-335

SHT 2 OF 2

AMEYA360
Components Supply Platform

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