

Customer Information Sheet

DRAWING No.: M80-29600XX & M80-29700XX SHT 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION:

MATERIAL:
BERYLLIUM COPPER

FINISH:
45 = 0.76µ MIN GOLD, ALL OVER
42 = 3µ MIN 100% TIN AND 0.76µ MIN GOLD,
SELECTIVE PLATE
ALL FINISHES = NICKEL UNDERPLATE

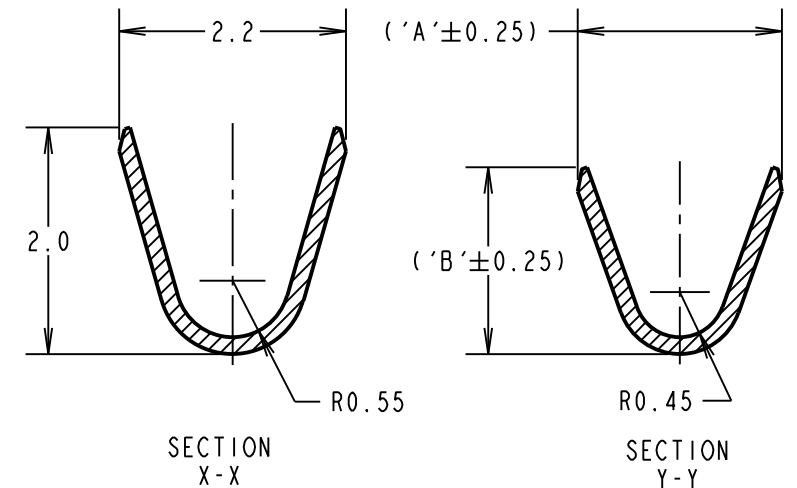
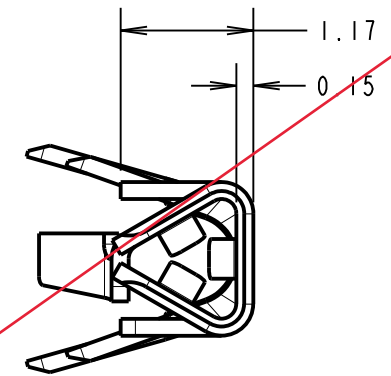
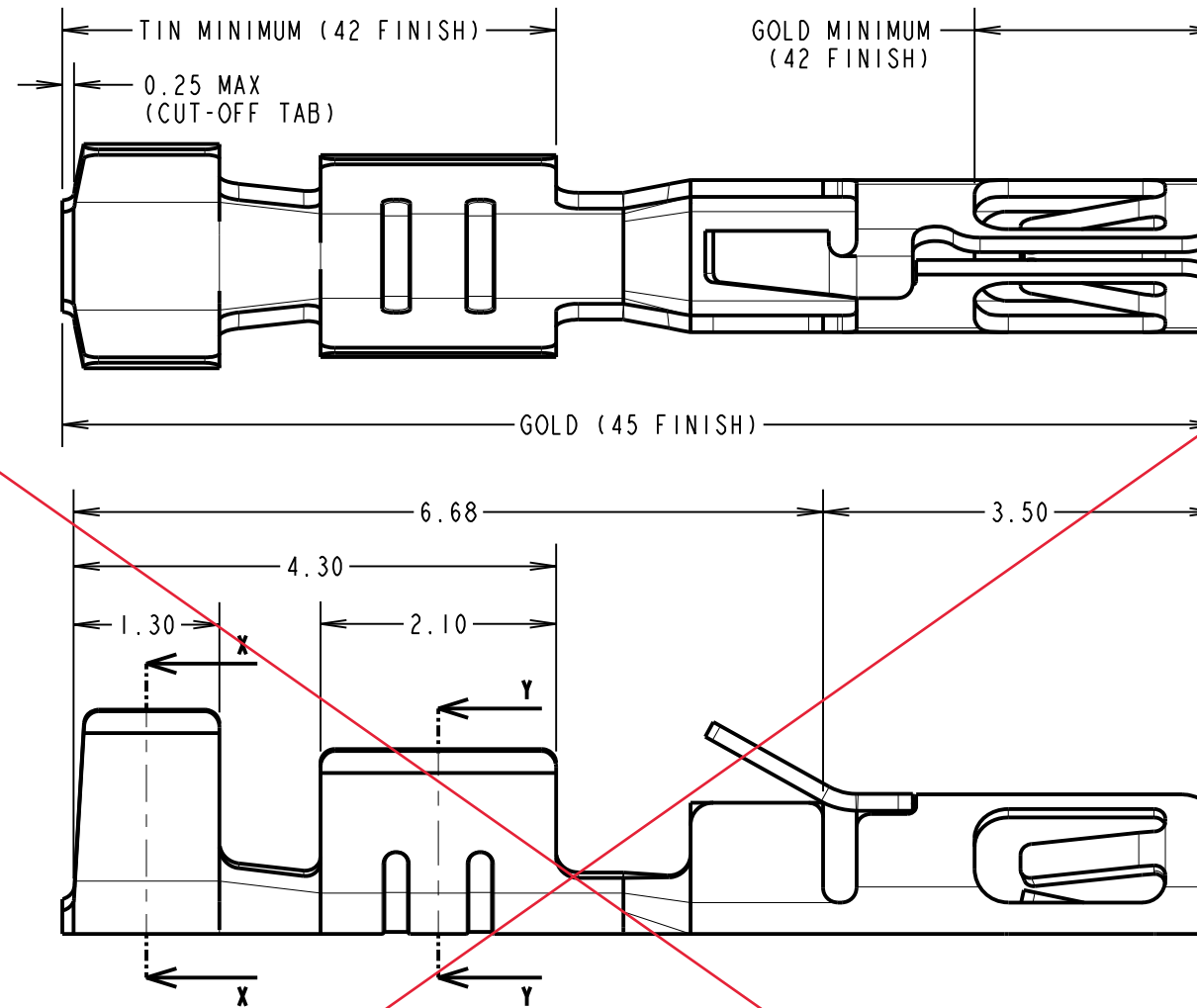
MECHANICAL:
INSERTION FORCE = 2.8N MAX, 1.0N MIN
WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN
DURABILITY = 400 OPERATIONS

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

PACKING:
LOOSE, 100/BAG ONE OR MORE BAGS PER BOX

FOR COMPLETE CONNECTOR SPECIFICATION, SEE
COMPONENT SPECIFICATION C040XX (LATEST ISSUE)

OBSOLETE



NOTES:

- TO BE USED WITH THE FOLLOWING FEMALE HOUSING:
M80-454XX98 = HOUSING ONLY
M80-455XX98 = HOUSING + SLOTTED JACKSCREW
M80-456XX98 = HOUSING + HEX SOCKET JACKSCREW
M80-457XX98 = HOUSING + REVERSE FIX JACKSCREW
M80-458XX98 = HOUSING + GUIDE AND BOARD MOUNT
M80-459XX98 = HOUSING + 10ILOK JACKSCREW
- SUITABLE FOR PTFE INSULATED EQUIPMENT
WIRE TO BS 3G 210 TYPE A, WIRE 22-28 AWG,
WIRE INSULATION Ø0.6mm-Ø1.1mm. STRIP WIRE BY
2.7-3.0mm FOR CRIMPING.
- RECOMMENDED CRIMP HEIGHTS:
0.76-0.82mm FOR 22-24 AWG CONTACTS
0.50-0.56mm FOR 26-28 AWG CONTACTS
- CRIMP SUITABLE FOR PROCESSING WITH HAND
CRIMP TOOL Z80-255.
- FOR INSTRUCTIONS ON HAND CRIMP TOOL
Z80-255, SEE INSTRUCTION SHEET IS-27.
- CONTACTS ARE AVAILABLE ON REELS, PART NUMBER
M80-25600XX FOR 24-22 AWG WIRE AND
M80-25700XX FOR 28-26 AWG WIRE, SUITABLE FOR
PROCESSING WITH LEFT SIDE FEED CRIMPING PRESS.
CONTACT datamate@harwin.com FOR DETAILS.

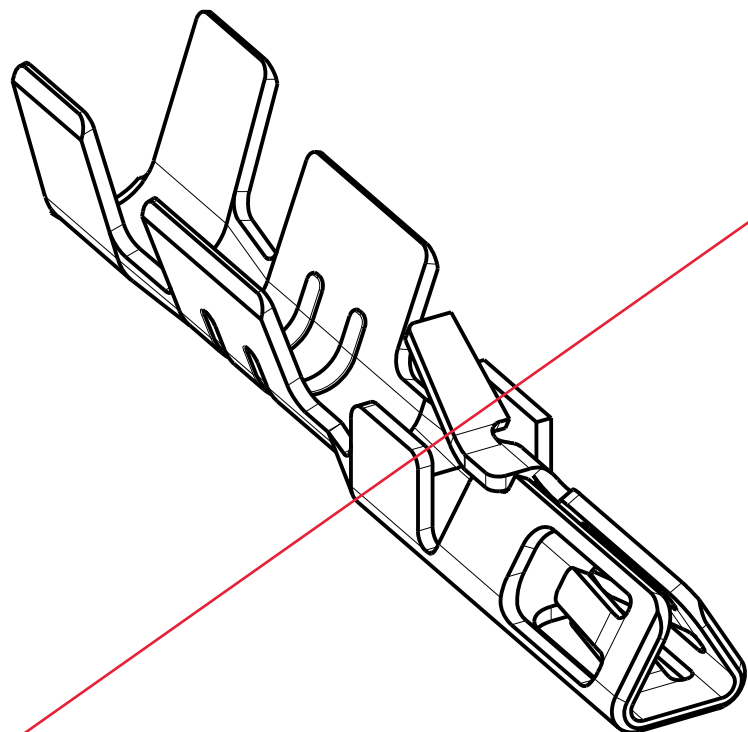
PART No.	DIMENSION	
	'A'	'B'
M80-29600XX	1.80	1.65
M80-29700XX	1.34	1.00

ORDER CODE: **M80-XXX00XX**

WIRE SIZE:
296 = 24-22 AWG (0.22-0.34mm²)
297 = 28-26 AWG (0.08-0.12mm²)

FINISH:
45 = GOLD, ALL OVER
42 = 100% TIN & GOLD, SELECTIVE

SM	5	15.11.11	11542
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			



HARWIN

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DISCLOSED, LOANED, COPIED
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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 TRIO-TEK
FEMALE CRIMP CONTACT LOOSE
24-22 AWG & 28-26 AWG

DRAWING NUMBER:
M80-29600XX & M80-29700XX

SHT
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