

Customer Information Sheet

DRAWING No.: M80-28300XX & M80-28400XX SHT 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION:

MATERIAL:
BERYLLOUM COPPER

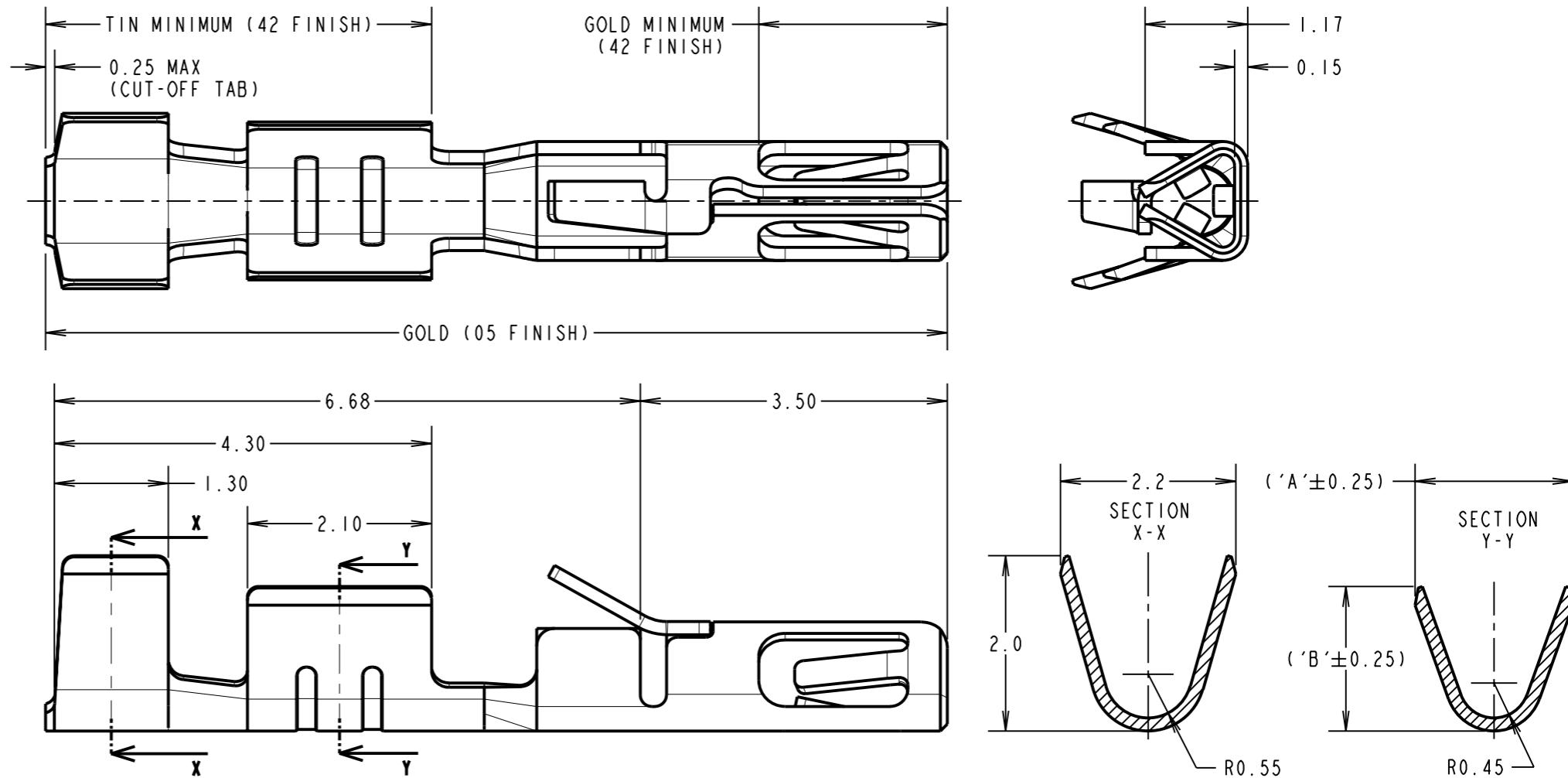
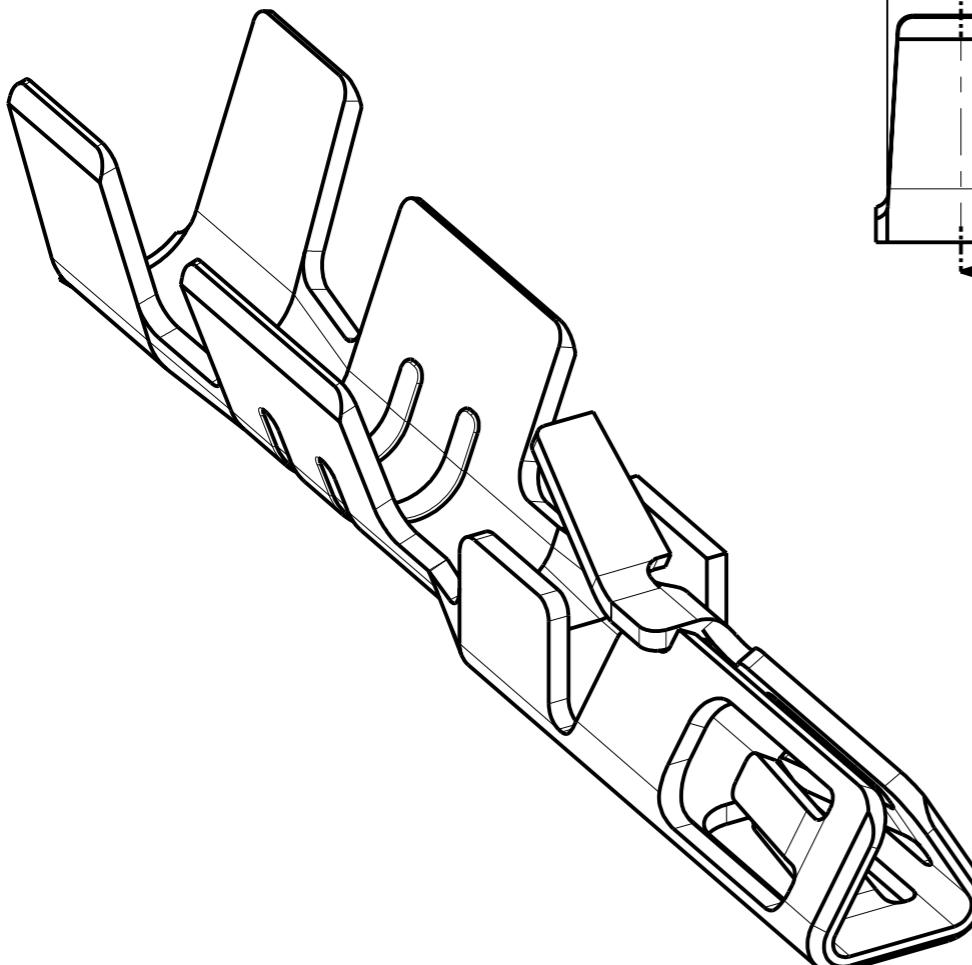
FINISH:
45 = 0.3 μ MIN GOLD, ALL OVER
42 = 3 μ MIN 100% TIN AND 0.3 μ MIN GOLD, SELECTIVE PLATE
ALL FINISHES = NICKEL UNDERPLATE

MECHANICAL:
INSERTION FORCE = 2.8N MAX, 1.0N MIN
WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN
DURABILITY = 500 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)



NOTES:

1. 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
2. SUITABLE FOR PTFE INSULATED EQUIPMENT
WIRE TO BS 3G 210 TYPE A, WIRE 22-28 AWG,
WIRE INSULATION Ø 0.6mm - Ø 1.1mm.
3. STRIP WIRE BY 2.5-3.0mm FOR CRIMPING.
4. CRIMP SUITABLE FOR PROCESSING WITH HAND
CRIMP TOOL Z80-255.
5. FOR INSTRUCTIONS ON HAND CRIMP TOOL
Z80-255, SEE INSTRUCTION SHEET IS-27.
6. CONTACTS ARE AVAILABLE ON REELS, PART NUMBER
M80-25300XX FOR 24-22 AWG WIRE AND
M80-25400XX 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'
M80-28300XX	1.80	1.65
M80-28400XX	1.34	1.00

ORDER CODE:
M80-XXX00XX
WIRE SIZE:
283 = 24-22 AWG (0.22-0.34mm ²)
284 = 28-26 AWG (0.08-0.12mm ²)
FINISH:
45 = GOLD, ALL OVER
42 = 100% TIN & GOLD, SELECTIVE

CP	2	11.12.09	10605
NAME	ISS.	DATE	C/NOTE
APPROVED:	C. PENROSE		
CHECKED:	R. ADDE		
DRAWN:	B. M. KENT		
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 TRIO-TEK
FEMALE CRIMP CONTACT LOOSE
24-22 AWG & 28-26 AWG
DRAWING NUMBER:
M80-28300XX & M80-28400XX
SHT 2 OF 2