

Customer Information Sheet

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

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION:

MATERIAL:
BERYLLIUM COPPER

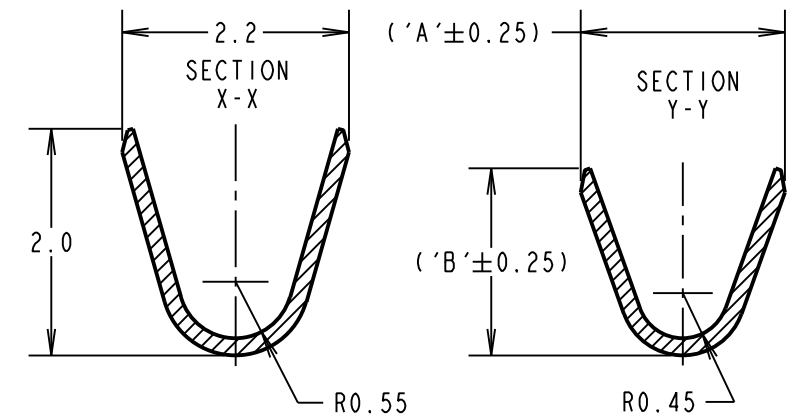
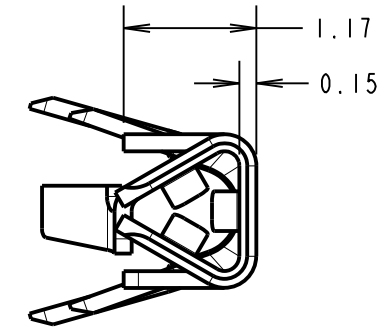
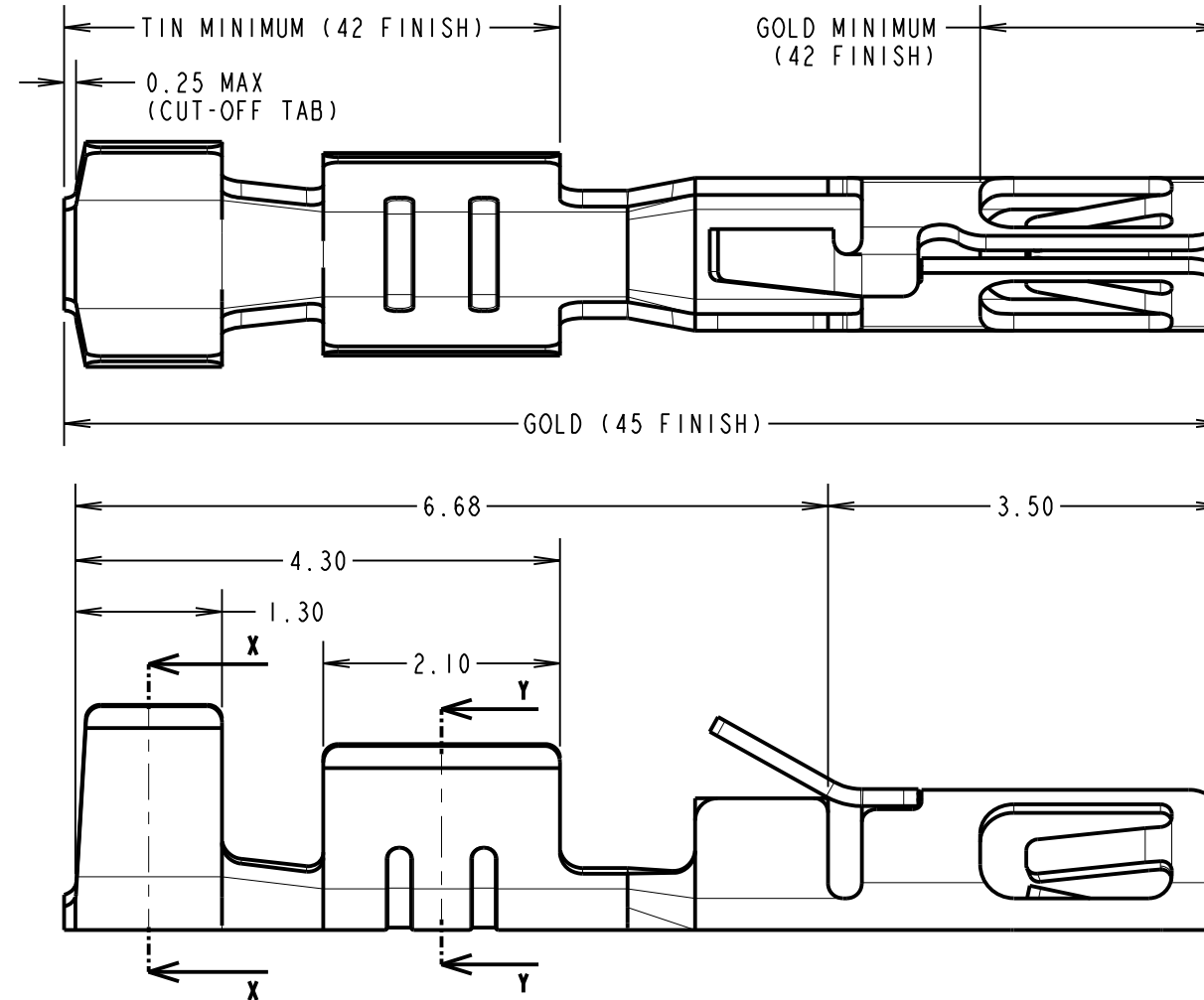
FINISH (ALL OVER NICKEL):
45 = 0.3µ MIN GOLD, ALL OVER
42 = SELECTIVE 3µ MIN 100% TIN AND 0.3µ MIN GOLD

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)



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 SCREWS
- RECOMMENDED WIRE TYPE = 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 HANDCRIMP TOOL Z80-255. SEE TOOLING INSTRUCTION SHEET IS-27 FOR CRIMPING INSTRUCTIONS.
- 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.

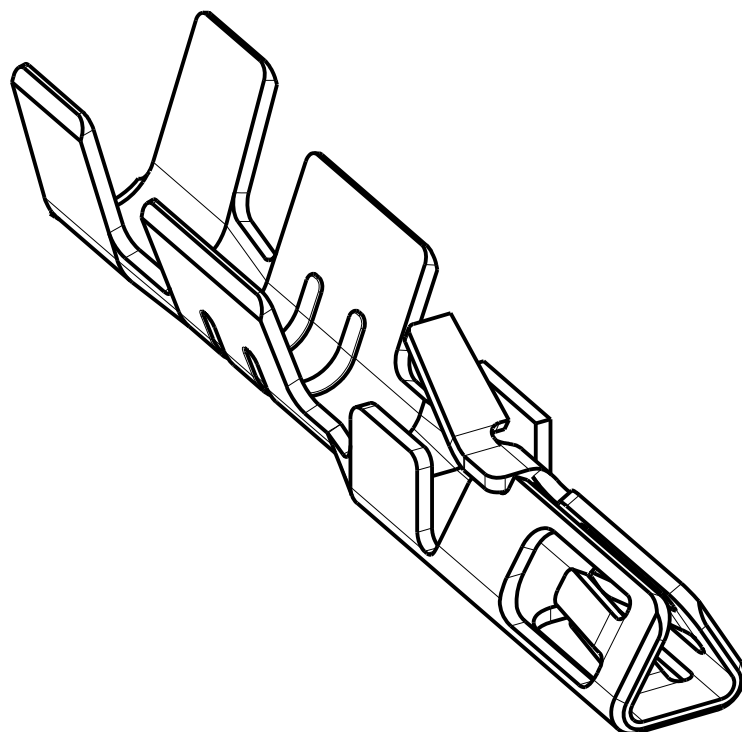
PART No.	DIMENSION	
	'A'	'B'
M80-28300XX	1.80	1.65
M80-28400XX	1.34	1.00

ORDER CODE: **M80-XXX00XX**

WIRE SIZE:
283 = 24-22 AWG (0.22-0.34mm²)
284 = 28-26 AWG (0.08-0.12mm²)

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

SM	7	15.11.11	11542
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: B. M. KENT			
CUSTOMER REF.:			
ASSEMBLY DRG:			



HARWIN

www.harwin.com
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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