

Customer Information Sheet

DRAWING No.: M80-25300XX & M80-25400XX

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION:

MATERIAL:
BERYLLIUM COPPER

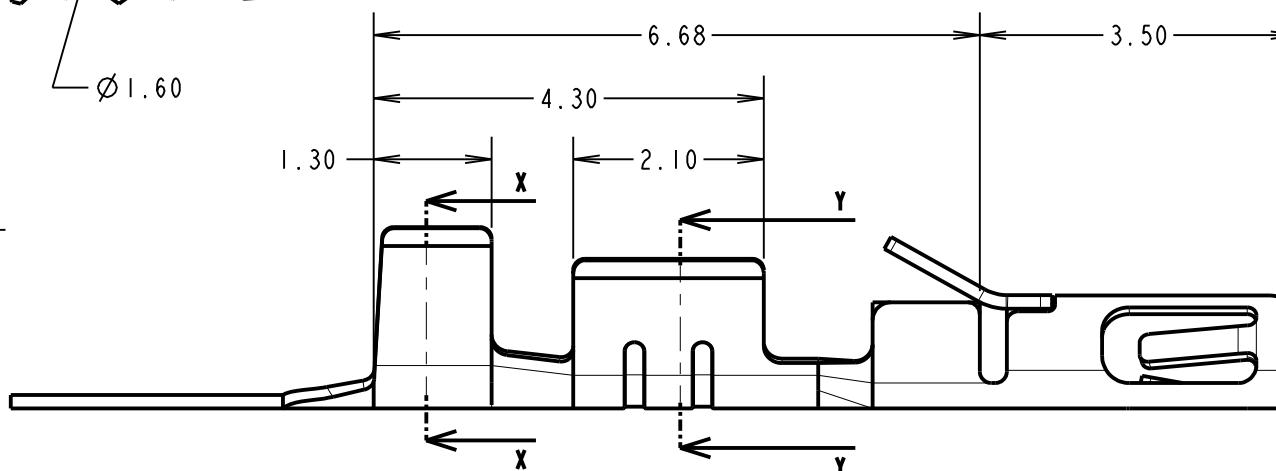
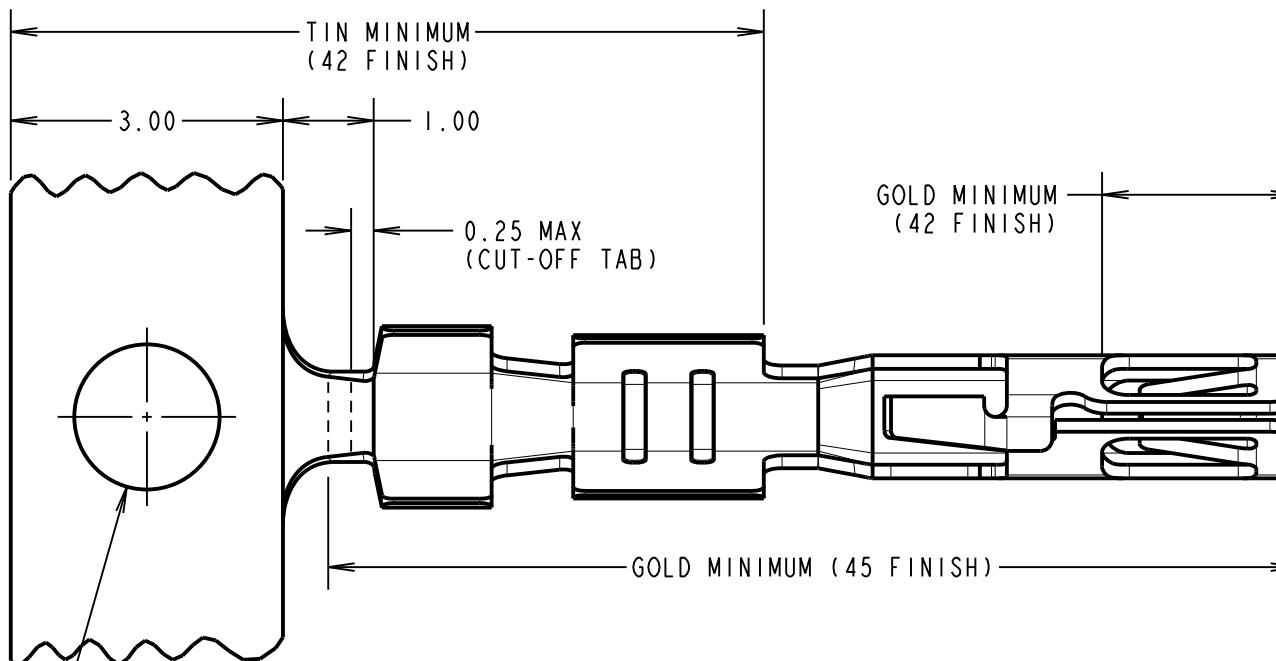
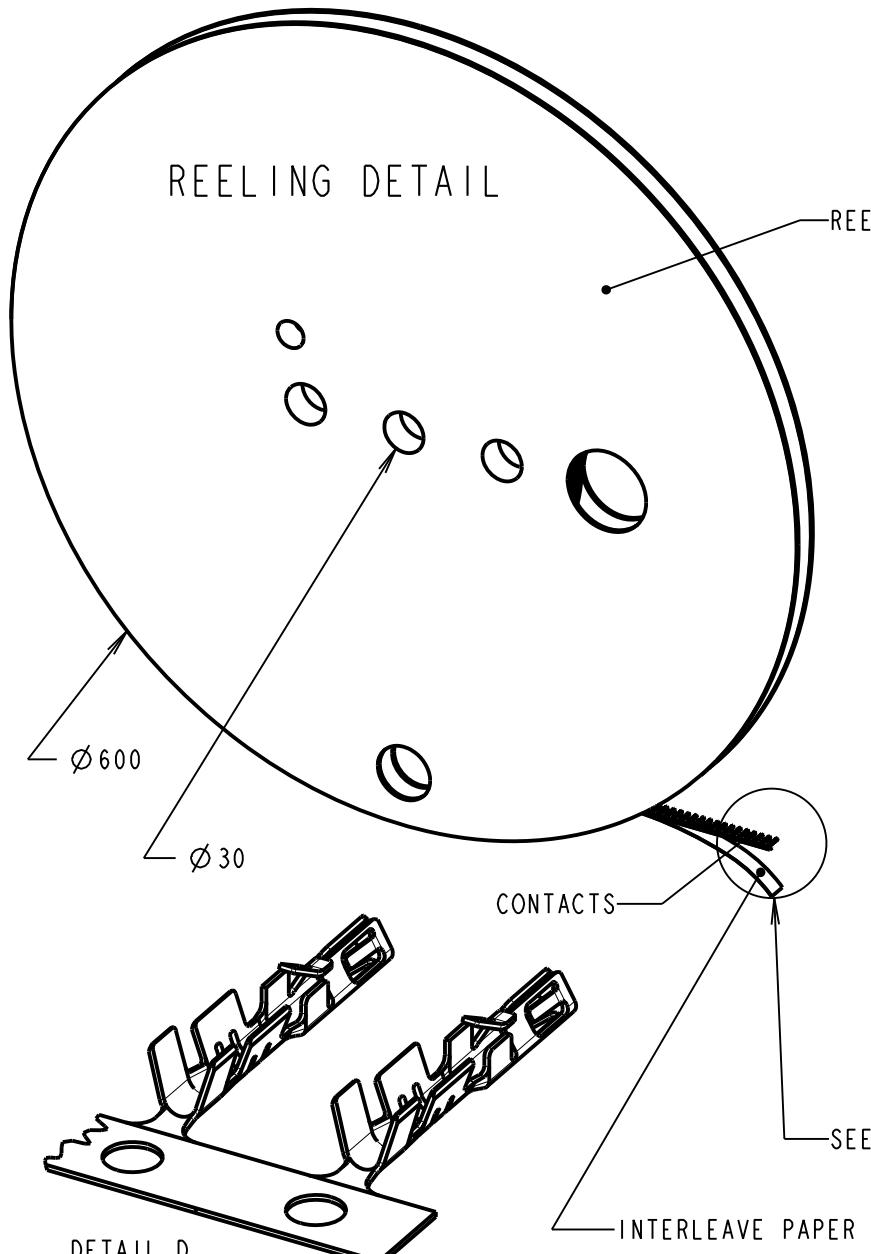
FINISH (ALL OVER NICKEL):
45 = 0.3 μ MIN GOLD
42 = 3 μ MIN 100% TIN AND 0.3 μ MIN GOLD,
SELECTIVE PLATE

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

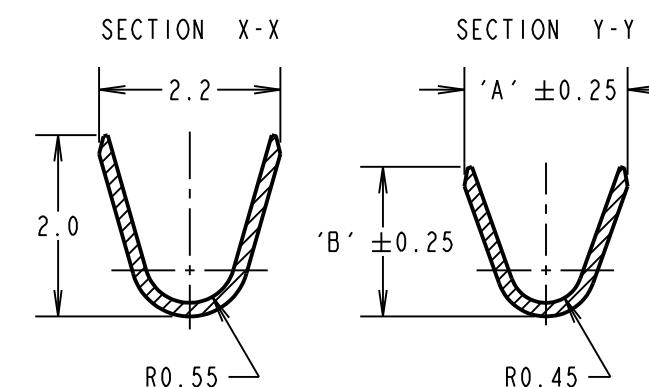
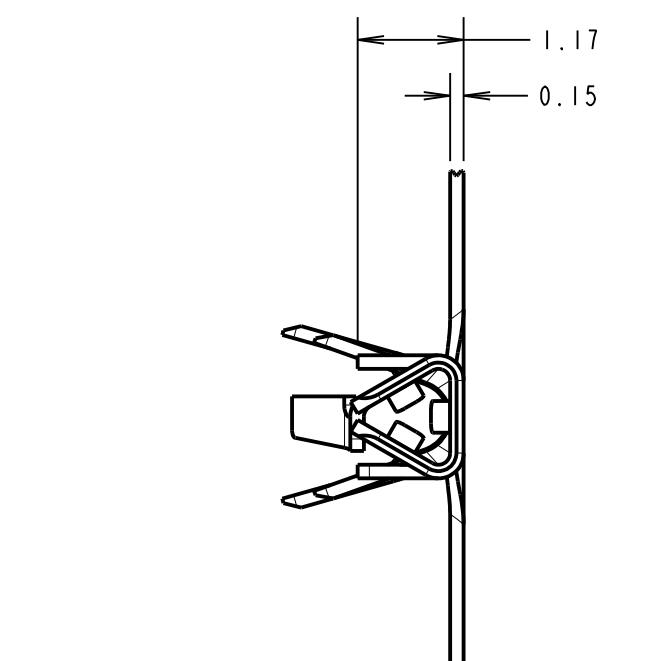
PACKING:
REEL (AS SHOWN), 15K/REEL

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
M80-459XX98 = HOUSING + 101LOK JACKSCREWS
2. RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A,
WIRE 22-28 AWG, WIRE INSULATION Ø 0.6mm-Ø 1.1mm.
STRIP WIRE BY 2.7-3.0mm FOR CRIMPING.
3. RECOMMENDED CRIMP HEIGHTS:
0.76-0.82mm FOR 22-24 AWG CONTACTS
0.50-0.56mm FOR 26-28 AWG CONTACTS
4. SUITABLE FOR PROCESSING WITH LEFT SIDE
FEED CRIMPING PRESS.
CONTACT datamate@harwin.com FOR DETAILS.
5. CONTACTS ARE AVAILABLE LOOSE, PART NUMBER
M80-28300XX FOR 24-22 AWG WIRE AND
M80-28400XX FOR 28-26 AWG WIRE, SUITABLE FOR
PROCESSING WITH HAND CRIMP TOOL Z80-255.



PART No.	DIMENSION	
	'A'	'B'
M80-25300XX	1.80	1.65
M80-25400XX	1.34	1.00

ORDER CODE:
M80-XXX00XX
WIRE SIZE: _____
253 = 24-22 AWG (0.22-0.34mm ²)
254 = 28-26 AWG (0.08-0.12mm ²)
FINISH: _____
45 = GOLD ALL OVER
42 = 100% TIN & GOLD SELECTIVE

SB	7	08.11.17	20816
NAME	ISS.	DATE	C/NOTE
APPROVED:	S. BENNETT		
CHECKED:	M. PLESTED		
DRAWN:	B. M. KENT		
CUSTOMER REF.:			
ASSEMBLY DRG.:			

HARWIN

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DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
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 REELED
24-22 AWG & 28-26 AWG
DRAWING NUMBER: M80-25300XX & M80-25400XX
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