## Customer Information Sheet

DRAWING No.: M80-844XXXX IF IN DOUBT - ASK NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:

MOULDING = HIGH TEMP, POLYAMIDE 46.

UL94V-O. BLACK

CLIP = BERYLLIUM COPPER

SHELL = COPPER ALLOY

FINISH:

42 = 0.30μ GOLD CLIP, 4.0μ 100% TIN

OVER NICKEL SHELL

45 = 0.30μ GOLD CLIP, 0.28μ GOLD SHELL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX WORKING VOLTAGE = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE:

INITIAL =  $25m\Omega$  MAX

AFTER CONDITIONING =  $20m\Omega$  MAX

INSULATION RESISTANCE: INITIAL = 1000MO MIN

AFTER CONDITIONING =  $100M\Omega$  MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 2.8N MAX, I.ON MIN

WITHDRAWAL FORCE = 1.8N MAX. 0.2N MIN PACKING:

BAGS (CONNECTOR SUPPLIED UN-ASSEMBLED) FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION COO5XX (LATEST ISSUE)

ORDER CODE:

M80-844XXX

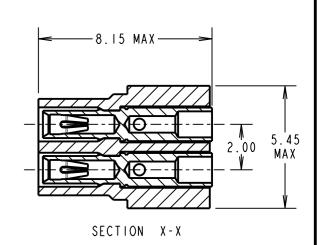
TOTAL No. OF WAYS-

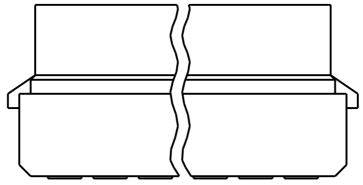
04 - 20, 26, 34 (EVEN NUMBERS ONLY)

FINISH:-

42 - GOLD CLIP, 100% TIN SHELL 45 - GOLD CLIP, GOLD SHELL

— 2.00 x No. OF CONTACTS PER ROW + 3.15 MAX → -2.00 x (No. OF CONTACTS -> PER ROW - I) 2.00 TYP





09.07.14 12526 DATE NAME ISS C/NOTE

APPROVED: S.FLOWER

CHECKED: M. PLESTED

DRAWN: I. SANDY

CUSTOMER REF.:

ASSEMBLY DRG:

NOTES:

I. RECOMMENDED WIRE TYPE = BS3G210 TYPE A. PTFE INSULATED 24 - 28AWG. MAX INSULATION DIAMETER = ØI.IOmm, STRIP WIRE BY 2.00mm.

2. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. SEE TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.

3. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

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  $X.XX = \pm 0.10$ mm  $X.XXX = \pm 0.01$ mm ANGLES = ±5°

MATERIAL:

 $X.X = \pm 0.25 mm$ 

UNLESS STATED

SEE ABOVE

FINISH: SEE ABOVE

mm<sup>2</sup> S/AREA:

TITLE: DATAMATE CRIMP DIL SOCKET ASSEMBLY SMALL BORE (24 - 28 AWG)

DRAWING NUMBER:

M80-844XXXX

SHT OF