

Customer Information Sheet

DRAWING No.: M80-4DIXXXF2-00-000-00-000

SHT 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:**MATERIAL:**

MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

JACKSCREW, CIRCLIP = STAINLESS STEEL

FINISH:05 = 0.3 μ GOLD CLIP, 0.25-0.3 μ GOLD SHELL42 = 0.3 μ GOLD CLIP,3.5-5.0 μ 100% TIN OVER NICKEL SHELL**ELECTRICAL:**

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE = 25 m Ω MAXINSULATION RESISTANCE = 100 M Ω MIN**MECHANICAL:**

DURABILITY = 500 OPERATIONS

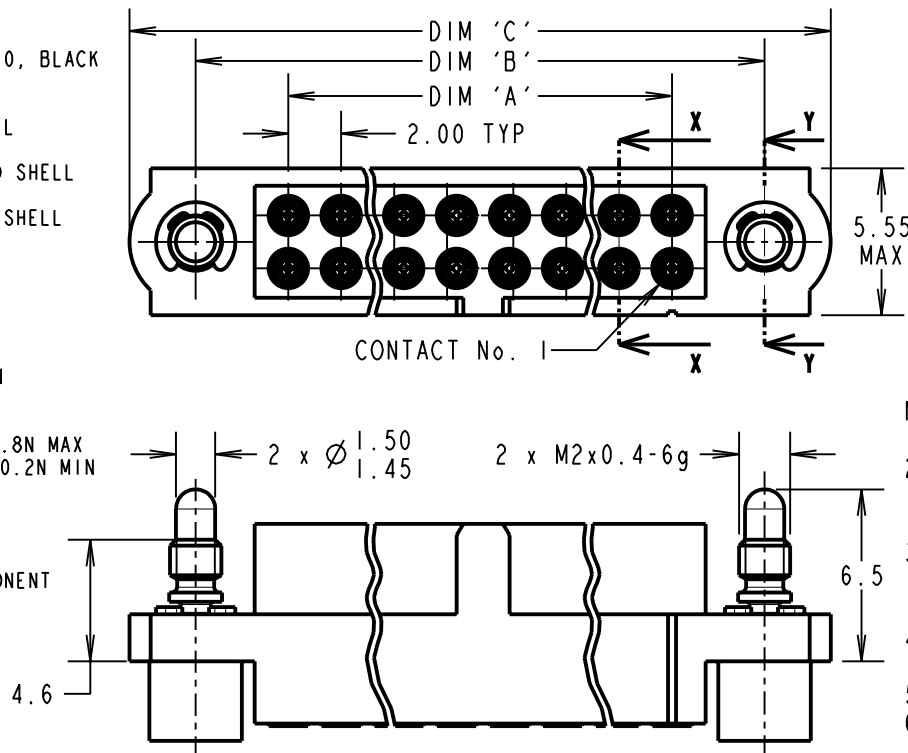
INSERTION FORCE ($\varnothing$ 0.5mm GAUGE) = 2.8N MAXWITHDRAWAL FORCE ($\varnothing$ 0.5mm GAUGE) = 0.2N MIN**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

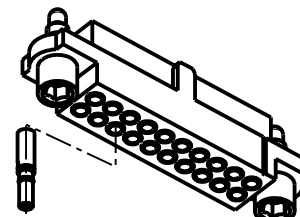
LOOSE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

**NOTES:**

- CONNECTOR IS SUPPLIED WITH CONTACTS LOOSE.
- FOR EXTRA CONTACTS, USE PART No's.
M80-0110001 FOR M80-4DIXX42FB-00-000-00-000
M80-0110005 FOR M80-4DIXX05FB-00-000-00-000
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A,
PTFE INSULATED 22 AWG. MAX INSULATION
DIAMETER = $\varnothing$ 1.10mm, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01
WITH POSITIONER T5747.
- CONTACT INSERTION & EXTRACTION TOOL = Z80-280
- INSTRUCTION SHEETS ARE AVAILABLE.

DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10
EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD CLIP AND 100% TIN OVER NICKEL SHELL, M80-4DI2042FB-00-000-00-000	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

ORDER CODE:**M80-4DIXXXFB-00-000-00-000**TOTAL No. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)**FINISH CODE**05 - GOLD CLIP, GOLD SHELL
42 - GOLD CLIP, 100% TIN OVER
NICKEL SHELL

CP	I	02.09.10	10870
NAME	ISS.	DATE	C/NOTE
APPROVED: C. PENROSE			
CHECKED: R. ADDE			
DRAWN: R. ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
--	--	--

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.

TOLERANCESX. = $\pm$ 1mm
X.X = $\pm$ 0.25mm
X.XX = $\pm$ 0.10mm
X.XXX = $\pm$ 0.01mmANGLES = $\pm$ 5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²**TITLE:**J-TEK FEMALE
CRIMP ASSY (LARGE BORE) WITH
FEMALE HEX SOCKET JACKSCREW**DRAWING NUMBER:****M80-4DIXXXFB-00-000-00-000**SHT
2
OF 2