

Customer Information Sheet

DRAWING No.: M20-785XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION:**MATERIAL:**

MOULDING = PA6T UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

FINISH (OVER NICKEL):

42 = GOLD ON CONTACT AREA, 100% TIN ON TAILS

46 = 100% TIN

ELECTRICAL:

CURRENT RATING = 3A

VOLTAGE RATING = 500V AC

CONTACT RESISTANCE = $20m\Omega$ MAXINSULATION RESISTANCE = $1000M\Omega$ MIN**MECHANICAL:**

DURABILITY = 100 CYCLES MIN

INSERTION FORCE = 2.0N MAX

WITHDRAWAL FORCE = 0.3N MAX

ENVIRONMENTAL:TEMPERATURE RANGE = -40°C TO $+105^{\circ}\text{C}$ **PACKING:**

TUBE

FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPECIFICATION C001XX
(LATEST ISSUE) $2.54 \times (\text{No. OF CONTACTS PER ROW} - 1)$ $\varnothing 1.00$ TYP $\varnothing 1.20$ TYP

2.54 TYP

7.62

2.54 TYP

RECOMMENDED PCB LAYOUT
(TOLERANCE = ± 0.05)

ORDER CODE:

M20-785XXXXNo. OF CONTACTS PER ROW:
02 TO 20, 30

FINISH:

42 = SELECTIVE GOLD / 100% TIN

46 = 100% TIN

 2.54 ± 0.05 5.20 ± 0.15 5.00 ± 0.15 3.00 ± 0.25 0.25 ± 0.03 7.62 ± 0.25 1.53 ± 0.25
CONTACT POINTPART
SECTION
X-X 0.70 ± 0.05 TYP**HARWIN**www.harwin.com
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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.**TOLERANCES**X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$ ANGLES = $\pm 5^{\circ}$
UNLESS STATED**MATERIAL:**

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²**TITLE:**2.54mm PITCH DIL PC TAIL
DUAL ENTRY SOCKET ASSY

DRAWING NUMBER:

M20-785XXXXSHT
2 OF 2

WJP	10	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: S. BENNETT			
DRAWN: J. EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			