

Customer Information Sheet

DRAWING No.: M80-665XXXX

SHEET 2 OF 2

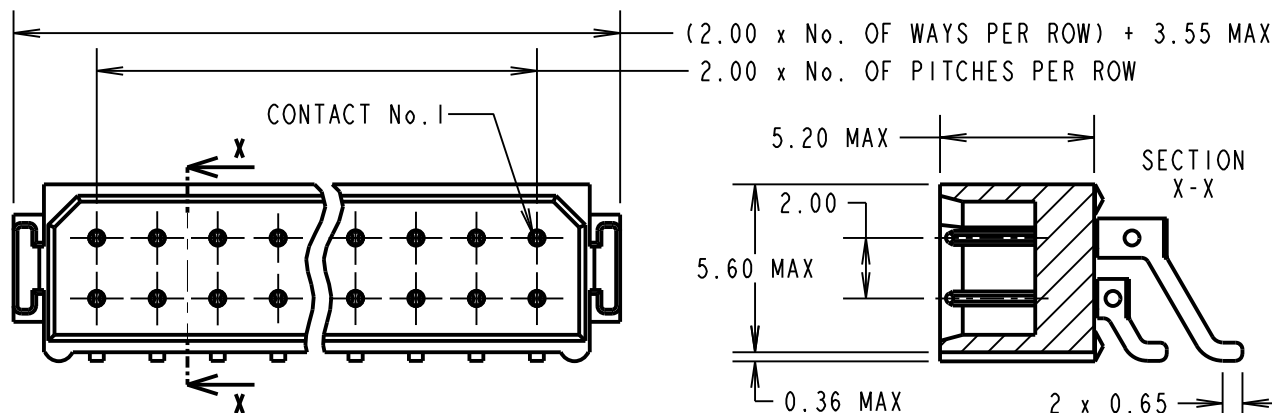
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED POLYAMIDE 46, UL94V-0, BLACK
CONTACT = BRASS

FINISH:

CONTACT:

22 = 0.75μ GOLD ON CONTACT AREA,
 0.3μ 90/10 TIN/LEAD ON TAILS
42 = 0.75μ GOLD ON CONTACT AREA,
 0.3μ 100% TIN ON TAILS
45 = 0.75μ GOLD OVER NICKEL

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 = 25 m Ω MAX
INSULATION RESISTANCE = 100 M Ω MIN

MECHANICAL:

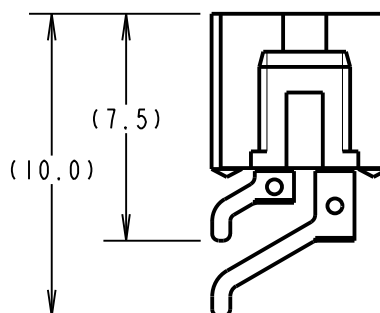
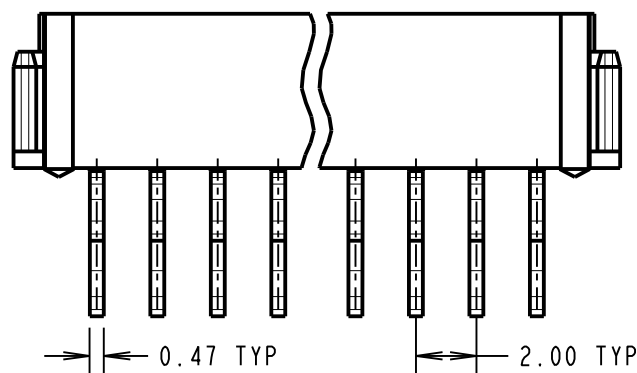
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO $+125^\circ\text{C}$

PACKING:

TUBE, 2-OFF STRAIN RELIEF STRAPS PER CONNECTOR IN BAG
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



ORDER CODE:

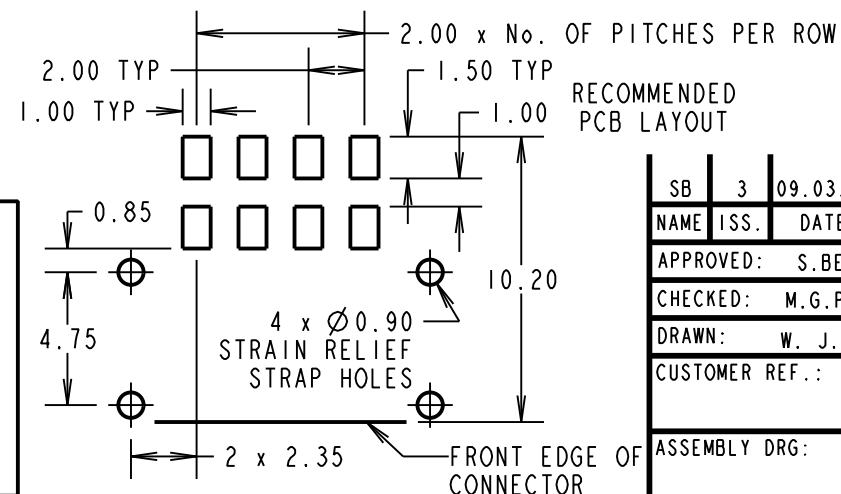
M80-665XXXX

No. OF CONTACTS

04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34, 44

FINISH

22 - GOLD, 90/10 TIN/LEAD
42 - GOLD, 100% TIN
45 - ALL OVER GOLD



RECOMMENDED
PCB LAYOUT

SB	3	09.03.12	11682
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		M.G.PLESTED	
DRAWN:		W. J. BOURNE	
CUSTOMER REF.:			
F	ASSEMBLY DRG:		

HARWIN

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TOLERANCES

X. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
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:

STANDARD DATAMATE
DIL HORIZONTAL SMT MALE
ASSEMBLY (UNLATCHED)

DRAWING NUMBER:

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SHT
2 OF 2