

Customer Information Sheet

DRAWING No.: M80-83602XXR

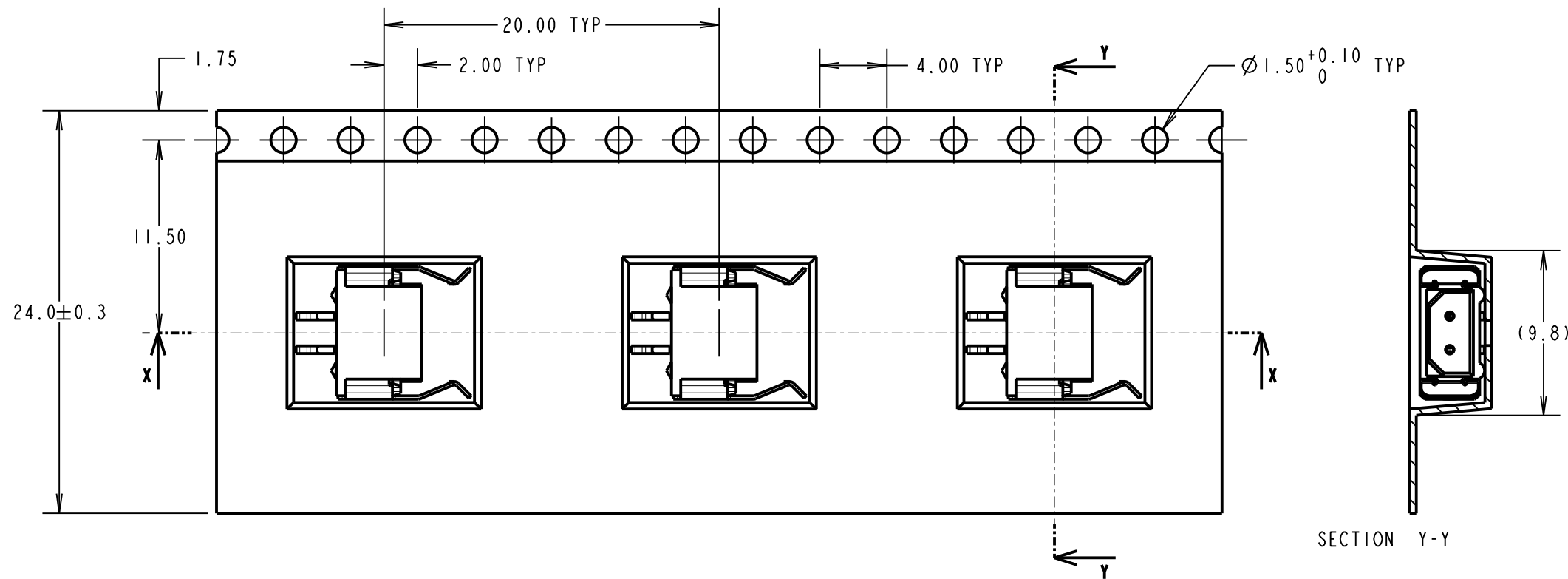
IF IN DOUBT - ASK

©

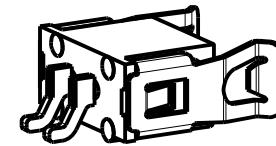
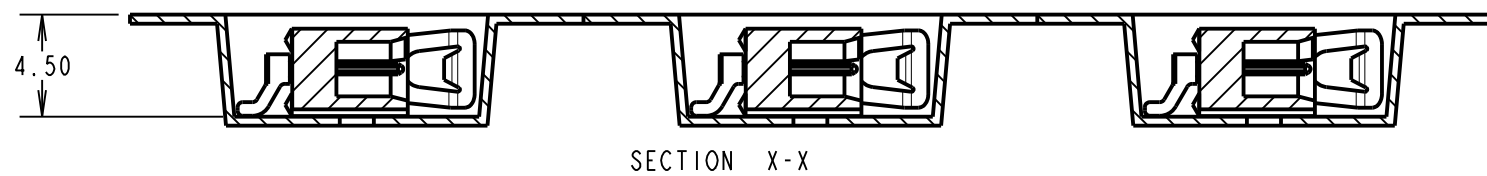
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

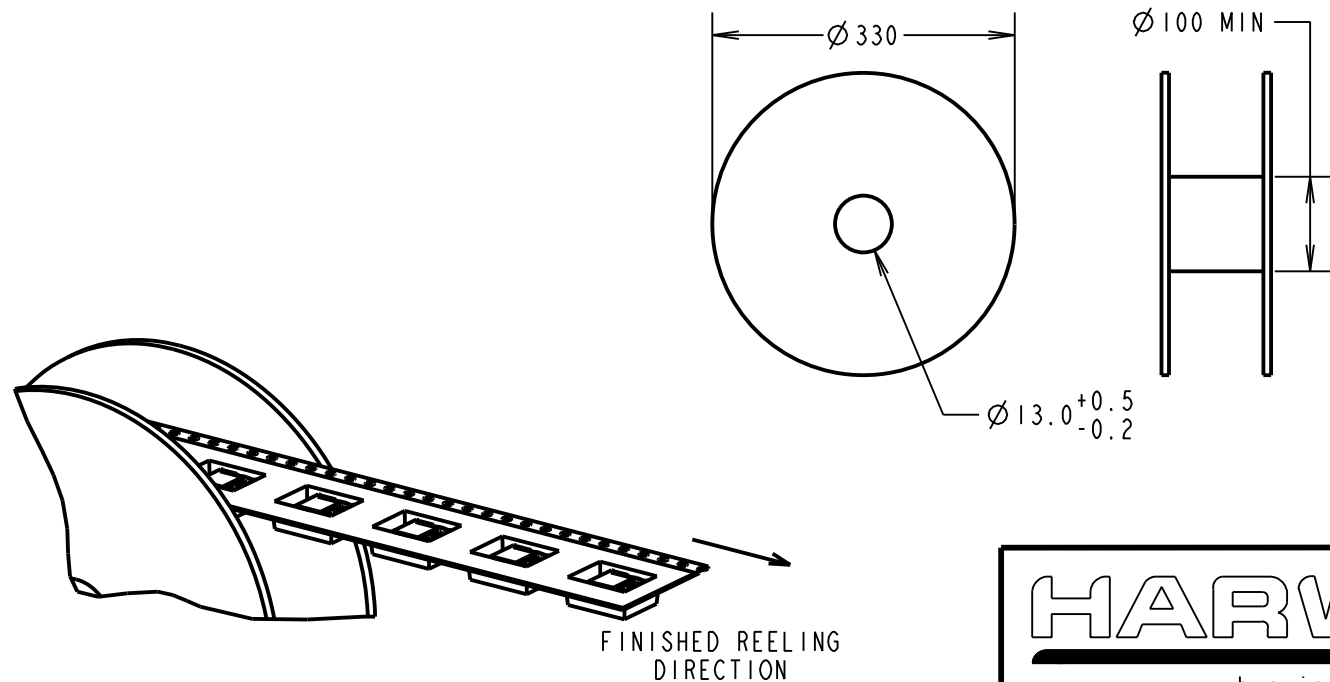


SPECIFICATIONS:
MATERIAL:
 MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
 CONTACT = BRASS
 LATCH = COPPER ALLOY
FINISH:
CONTACT:
 22 = 0.75µm GOLD ON CONTACT AREA,
 0.3µm 90/10 TIN/LEAD OVER NICKEL ON TAILS
 42 = 0.75µm GOLD ON CONTACT AREA,
 0.3µm 100% TIN OVER NICKEL ON TAILS
 45 = 0.75µm GOLD OVER NICKEL
 LATCH = 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 mΩ MAX
 INSULATION RESISTANCE = 100 MΩ MIN
MECHANICAL:
 DURABILITY = 500 OPERATIONS
ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

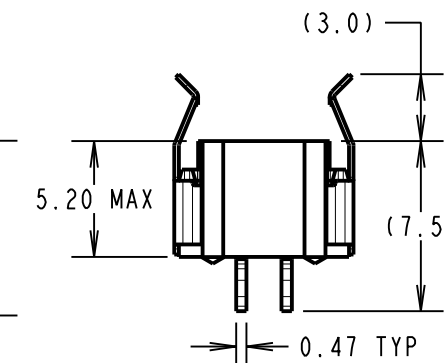
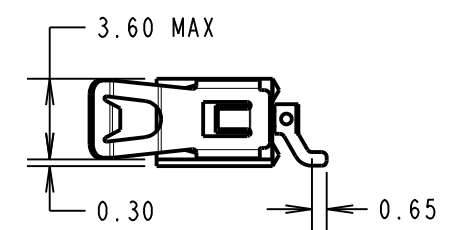
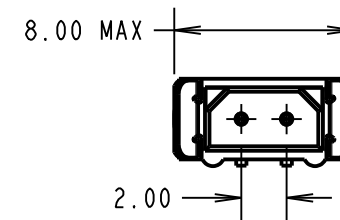
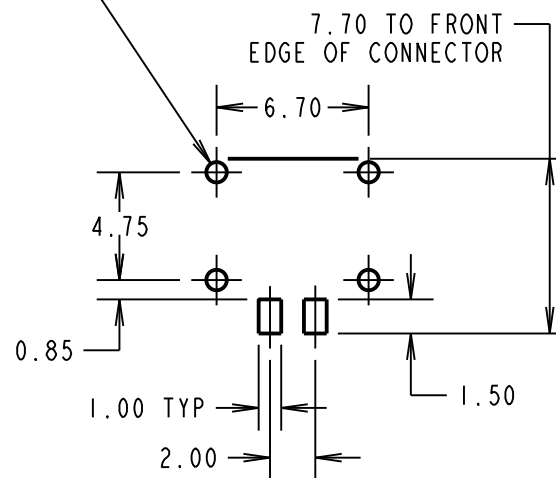


ORDER CODE:
M80-83602XXR
FINISH:
 22 = GOLD + TIN/LEAD
 42 = GOLD + 100% TIN
 45 = GOLD

REEL DETAILS



RECOMMENDED PCB LAYOUT
 TOLERANCE $\pm 0.05\text{mm}$
 4 x $\varnothing 0.90$ OPTIONAL STRAIN RELIEF STRAP HOLES (OPTIONAL M80-0030006 STRAPS NOT SUPPLIED)



MGP	2	23.07.21	30679
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: MR			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
 X. = $\pm 1\text{mm}$
 X.X = $\pm 0.50\text{mm}$
 X.XX = $\pm 0.20\text{mm}$
 X.XXX = $\pm 0.01\text{mm}$
 ANGLES = $\pm 5^\circ$
 UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE: DATAMATE L-TEK
 MALE SIL HORIZONTAL SMT
 ASSEMBLY (TAPE AND REELED)

DRAWING NUMBER:

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SHT
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