

Customer Information Sheet

DRAWING No.: M80-83602XXR

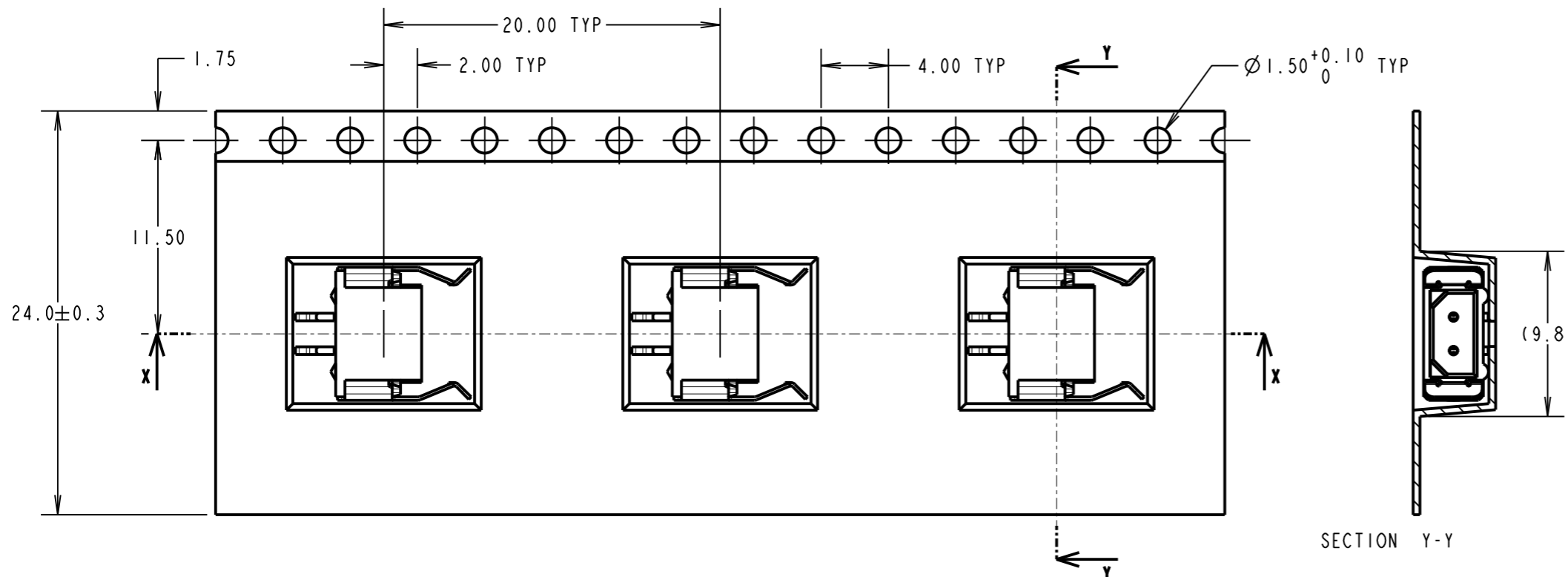
IF IN DOUBT - ASK

©

NOT TO SCALE

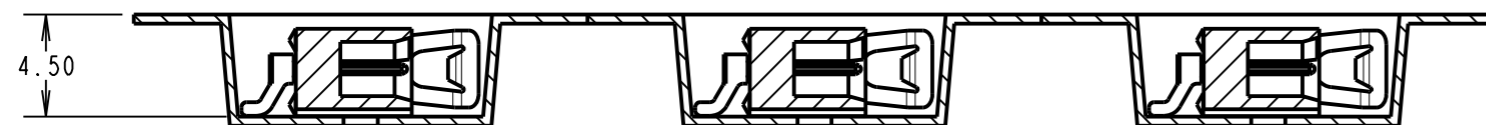
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

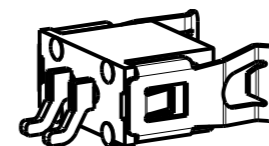


SPECIFICATIONS:
MATERIAL:
 MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
 CONTACT = BRASS
 LATCH = COPPER ALLOY
FINISH:
CONTACT:
 22 = 0.75µ GOLD ON CONTACT AREA,
 0.3µ 90/10 TIN/LEAD OVER NICKEL ON TAILS
 42 = 0.75µ GOLD ON CONTACT AREA,
 0.3µ 100% TIN OVER NICKEL ON TAILS
 45 = 0.75µ GOLD OVER NICKEL
 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)

SECTION Y-Y

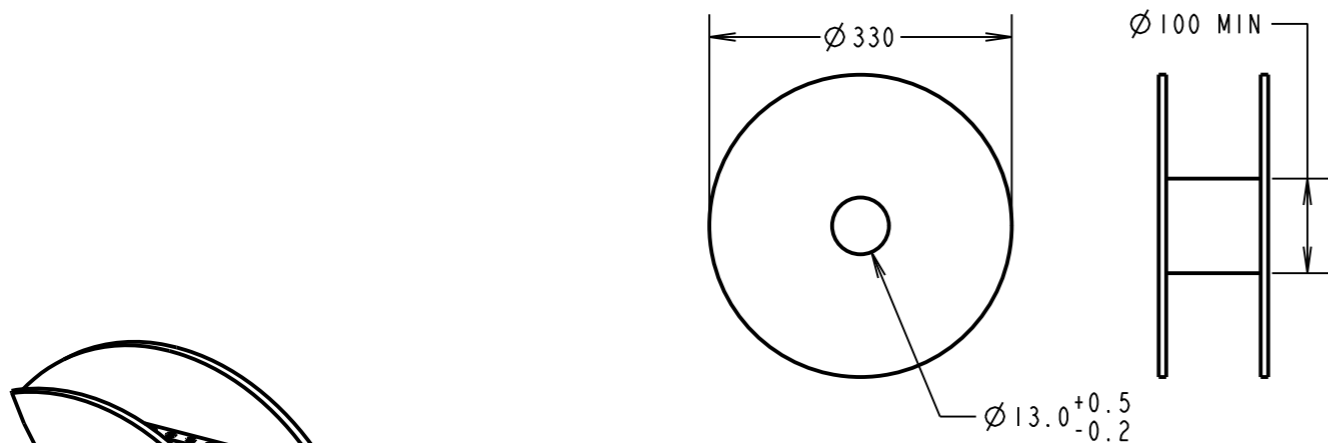


SECTION X-X



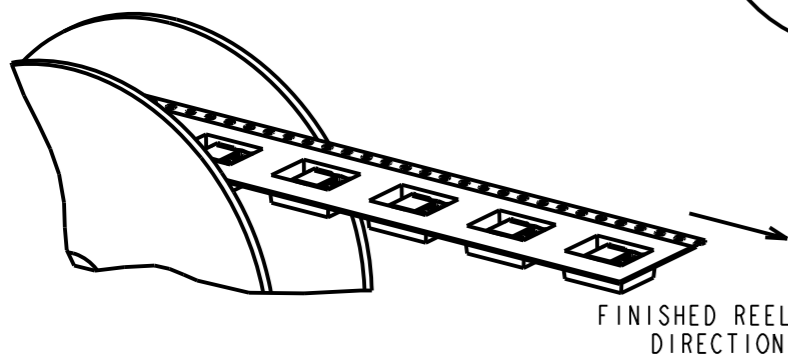
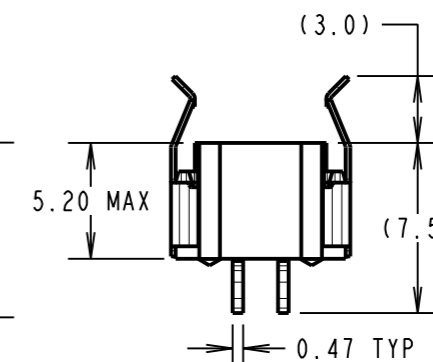
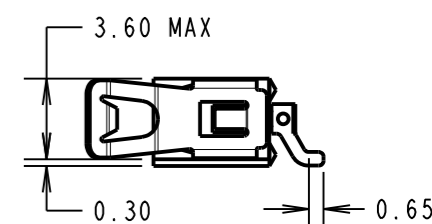
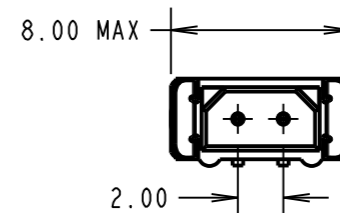
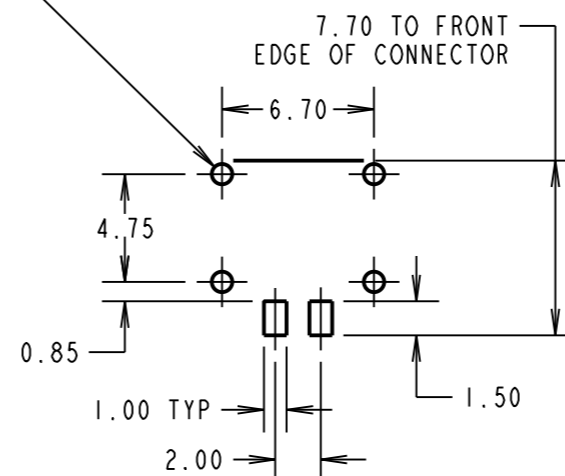
ORDER CODE:
M80-83602XXR
 FINISH _____
 22 = GOLD + TIN/LEAD
 42 = GOLD + 100% TIN
 45 = GOLD

REEL DETAILS



RECOMMENDED PCB LAYOUT

4 x Ø0.90 OPTIONAL STRAIN RELIEF STRAP HOLES. STRAP NOT SUPPLIED



FINISHED REELING DIRECTION

MSP	1	10.07.17	13385
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		MARK G PLESTED	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
 X. = ±1mm
 X.X = ±0.25mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 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: M80-83602XXR
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