

Customer Information Sheet

DRAWING No.: M80-85012XXR

SHEET 2 OF 2

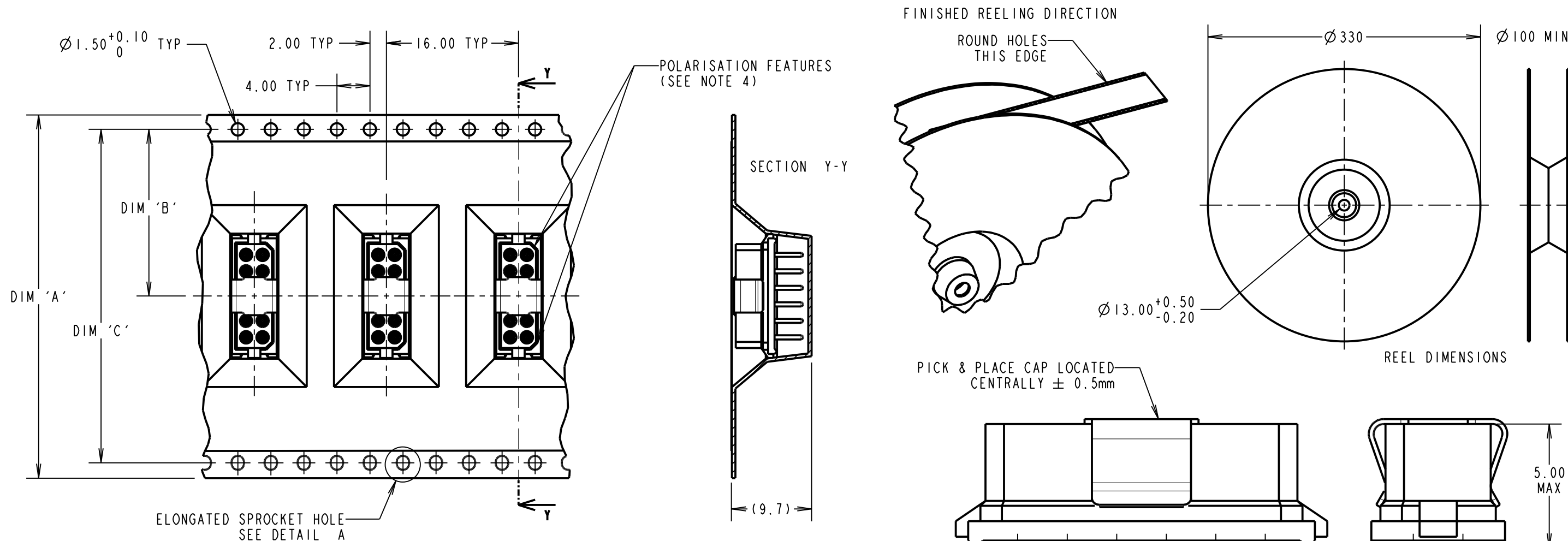
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



REELED PART No.	LOOSE PART No.	FINISH	DIM 'A'	DIM 'B'	DIM 'C'
M80-8501201R	M80-8501201P	GOLD CLIP, TIN/LEAD SHELL	44.0 \pm 0.3	20.20 \pm 0.15	40.40
M80-8501245R	M80-8501245P	GOLD SHELL, GOLD CLIP			
M80-8501242R	M80-8501242P	100% TIN SHELL, GOLD CLIP			

SPECIFICATIONS:

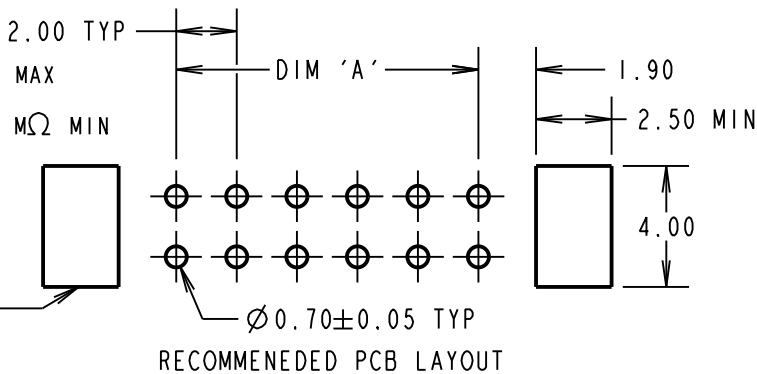
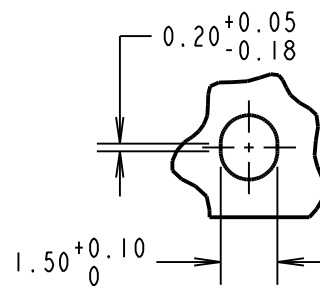
MATERIALS:
 MOULDING = POLYAMIDE 46 UL94V-0
 CONTACTS = BERYLLIUM COPPER
 PICK AND PLACE CAP = PHOSPHOR BRONZE

FINISH:
CONTACTS:
 01 = 0.3 μ GOLD CLIP, 3.5 μ 90/10 TIN/LEAD SHELL
 45 = 0.3 μ GOLD CLIP, 0.28 μ GOLD SHELL
 42 = 0.3 μ GOLD CLIP, 4.0 μ 100% TIN OVER NICKEL SHELL
 LATCHES = NICKEL

MECHANICAL:
 DURABILITY = 500 OPERATIONS
 INSERTION FORCE = 2N MAX
 WITHDRAWAL FORCE = 0.2N MIN

ELECTRICAL:
 CURRENT RATING (25°C) = 3.0A MAX
 CURRENT RATING (85°C) = 2.2A MAX
 WORKING VOLTAGE = 800V AC/DC
 VOLTAGE PROOF = 1200V AC/DC
 CONTACT RESISTANCE (INITIAL) = 20 m Ω MAX
 CONTACT RESISTANCE (AFTER CONDITIONING) = 25 m Ω MAX
 INSULATION RESISTANCE (INITIAL) = 1,000 M Ω MIN
 INSULATION RESISTANCE (AFTER CONDITIONING) = 100 M Ω MIN

ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C



ORDER CODE: **M80-850XXXXR**

TOTAL No. OF CONTACTS: 12

FINISH:
 01 = TIN/LEAD SHELL, GOLD CLIP
 45 = GOLD SHELL, GOLD CLIP
 42 = 100% TIN SHELL, GOLD CLIP

MSP	5	01.06.15	12793
NAME	ISS.	DATE	C/NOTE
APPROVED:		M. PERREN	
CHECKED:		M. PLESTED	
DRAWN:		B. M. KENT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

- NOTES:**
- QUANTITY OF COMPONENTS PER REEL = 350.
 - THIS PRODUCT IS TAPED AND REELED IN ACCORDANCE WITH EIA-481-2-A (ELECTRONIC INDUSTRIES ASSOCIATION).
 - FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).
 - COMPONENTS ARE ORIENTED IN TAPE POCKETS SO THAT THE POLARISING FEATURES ARE FACING TOWARDS THE FREE END.

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TOLERANCES
 X. = ± 1 mm
 X.X = ± 0.50 mm
 X.XX = ± 0.10 mm
 X.XXX = ± 0.01 mm
 ANGLES = $\pm 5^\circ$
 UNLESS STATED

MATERIAL: SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: DATAMATE DIL VERTICAL PC TAIL SOCKET ASSY (RoHS - TAPE AND REELED)
DRAWING NUMBER: M80-85012XXR
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