

Customer Information Sheet

DRAWING No.: M20-876XXXXR

SHEET 3 OF 4

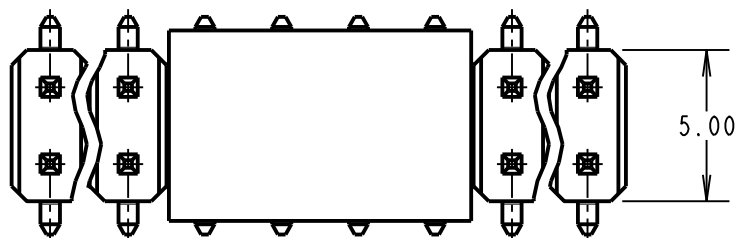
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



NOTES:

1. FOR 4+4-WAYS AND LESS, CAP LENGTH = 6.00mm.
2. SEE DRAWING M20-876XXXXP FOR PICK AND PLACE VERSION, M20-876XXXX FOR STANDARD PRODUCT.
3. CO-PLANARITY: FLATNESS OF SMT TAILS MUST NOT EXCEED VALUES GIVEN IN TABLE.
4. ALL TOLERANCES ARE ± 0.15 UNLESS OTHERWISE STATED.

SPECIFICATION:

MATERIAL:

MOULDING = NYLON 6T UL94V-0, BLACK
CONTACT = BRASS

FINISH:

42 = SELECTIVE GOLD ON CONTACT AREA,
100% TIN ON TAILS
46 = 100% TIN

ELECTRICAL:

CURRENT RATING = 3A MAX
CONTACT RESISTANCE = 20 m Ω MAX
INSULATION RESISTANCE = 500 M Ω MIN
DIELECTRIC STRENGTH = 1000V AC
VOLTAGE RATING = 250V AC/DC

MECHANICAL:

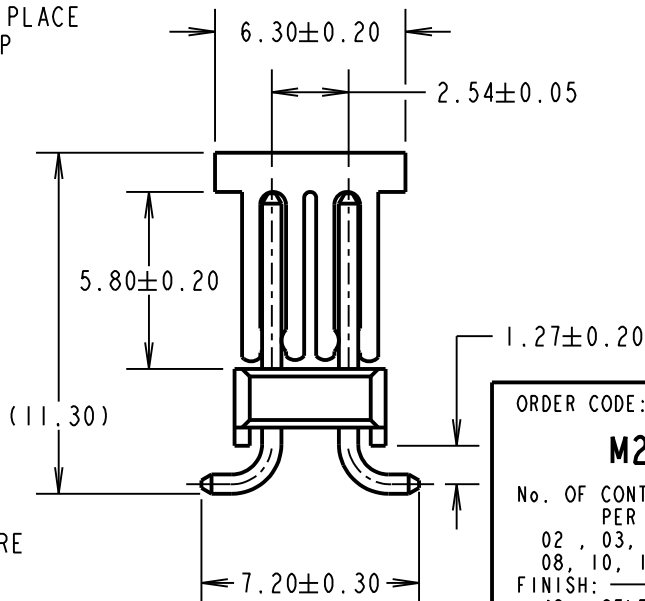
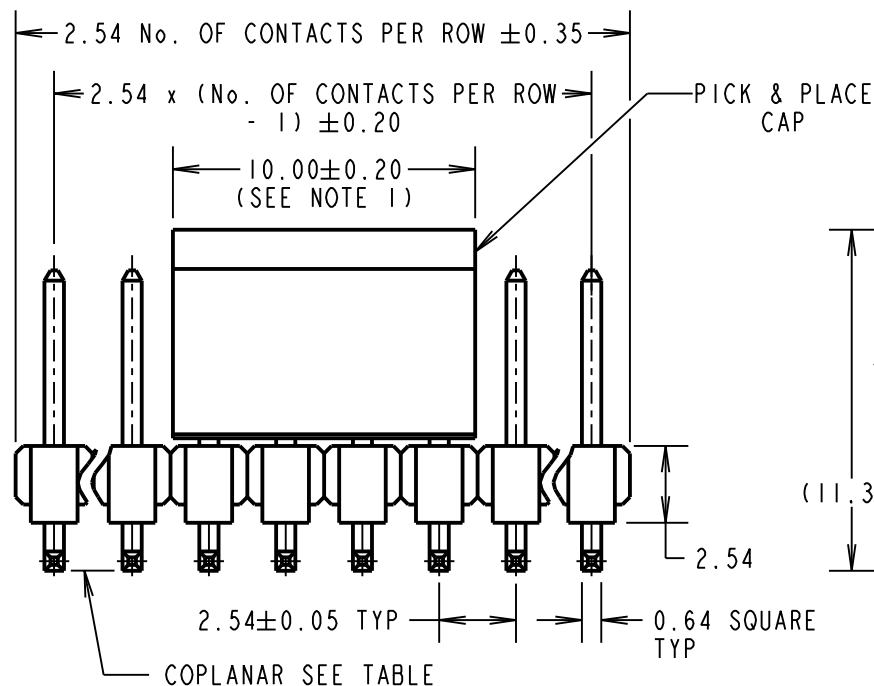
DURABILITY = 50 OPERATIONS (TIN),
300 OPERATIONS (GOLD)

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

SOLDERING:

REFLOW TEMP = 260°C FOR 10 SECONDS MAX
MANUAL TEMP = 330°C FOR 3-5 SECONDS
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION COOIXX (LATEST ISSUE)



No OF CONTACTS	COPLANARITY TOLERANCE
2x02 TO 2x12	0.10mm MAX
2x13 TO 2x17	0.15mm MAX

ORDER CODE:

M20-876XXXXR

No. OF CONTACTS
PER ROW:

02, 03, 04, 05, 07,
08, 10, 17

FINISH:

42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

MS	14	25.11.16	20172
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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GROUP AND MUST NOT BE
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TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

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: 2.54mm PITCH DIL
SMT PIN HEADER ASSEMBLY
(WITH P/PLACE CAP, T/REEL)

DRAWING NUMBER:

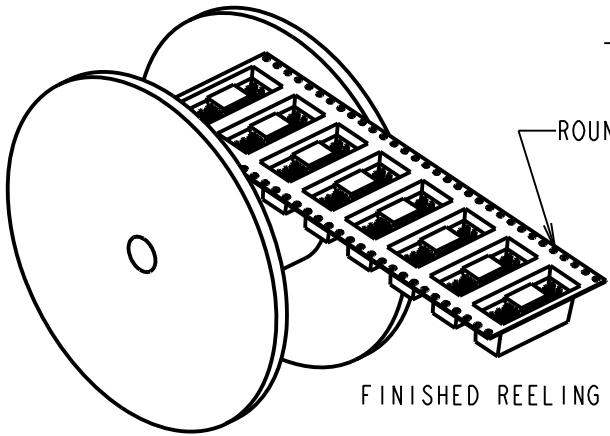
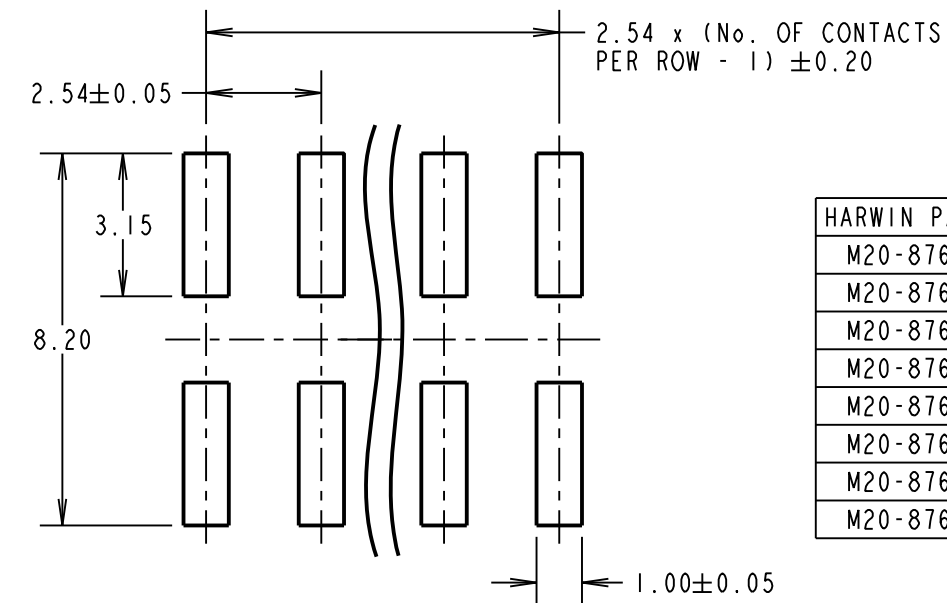
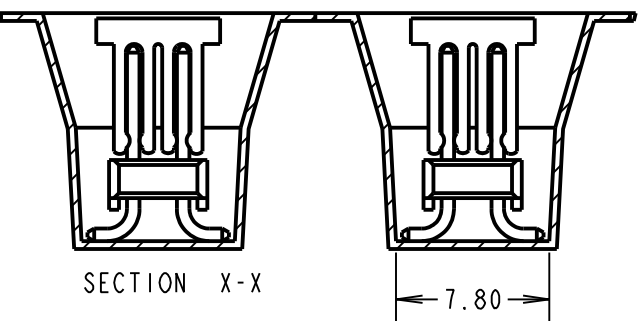
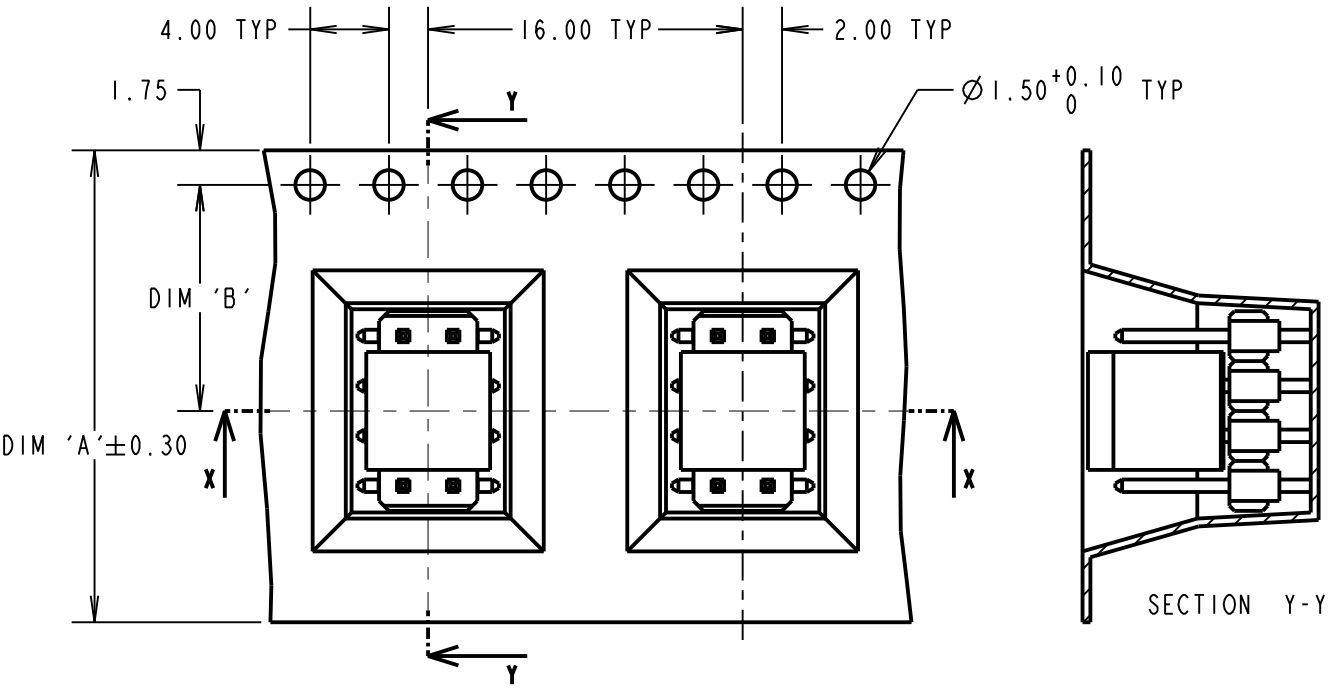
M20-876XXXXR

SHT
3
OF
4

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DRAWING No.: M20-876XXXXR SHEET 4 OF 4 IF IN DOUBT - ASK © NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

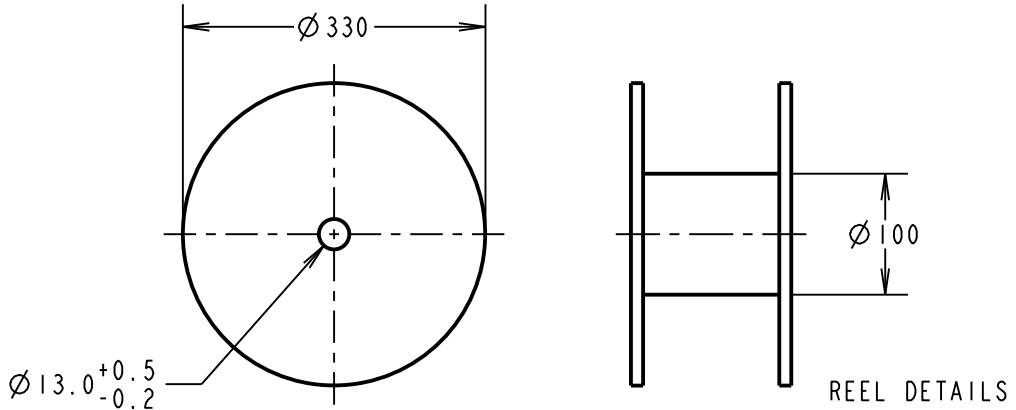
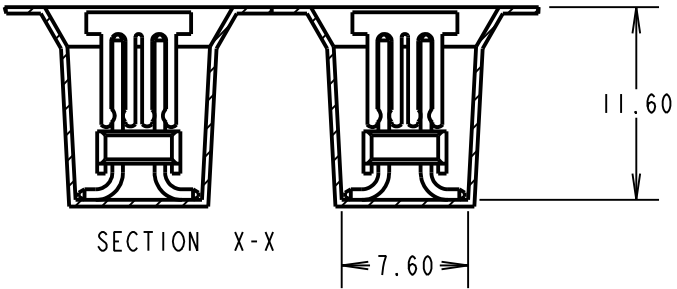
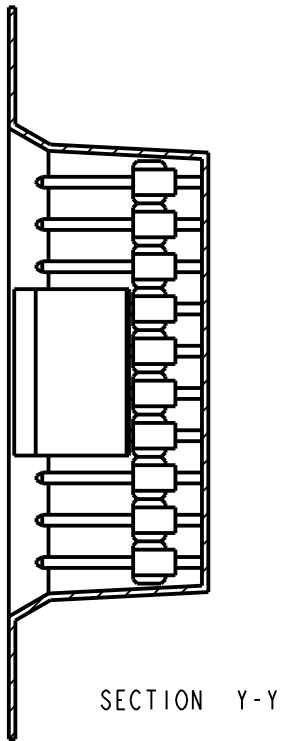
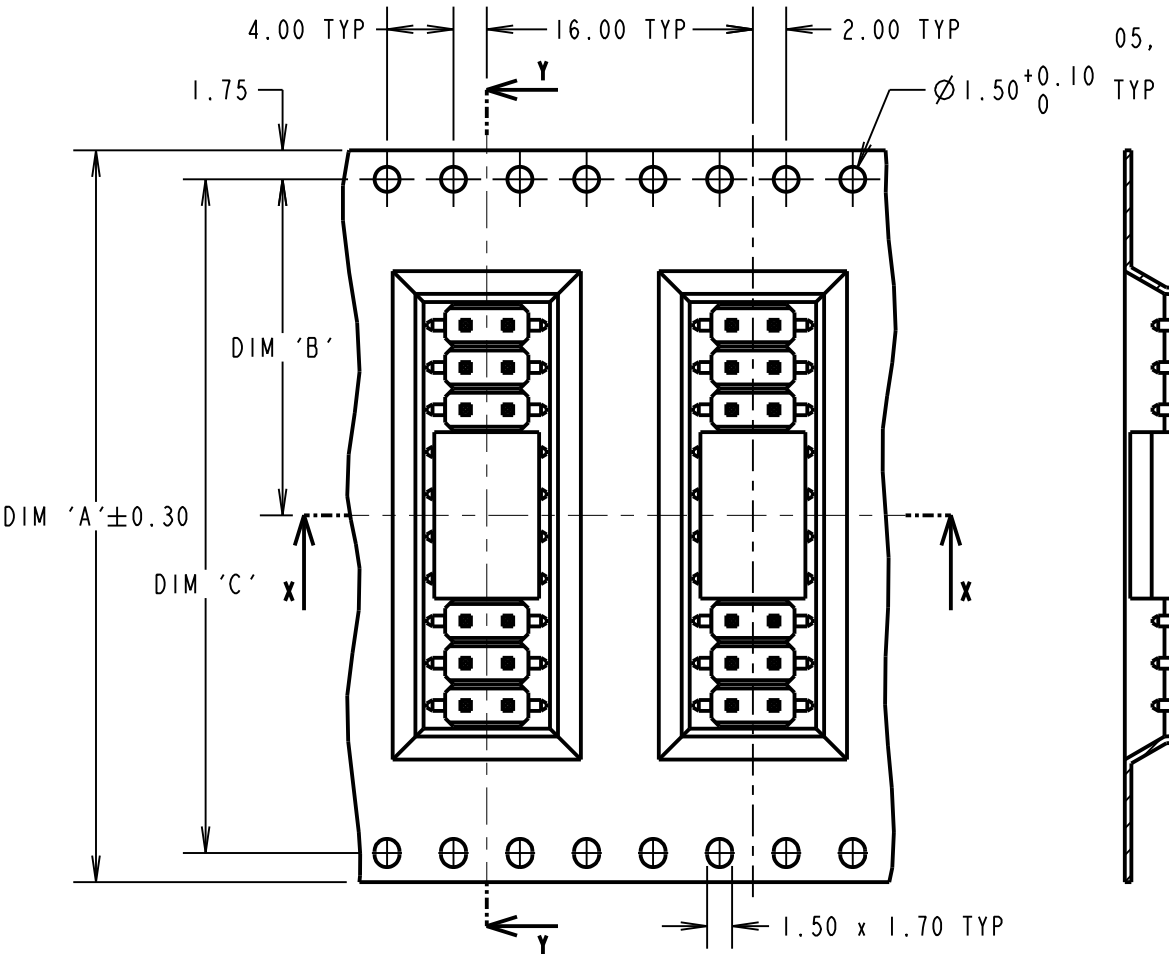
TAPE DETAILS FOR
02, 03 & 04 WAYS



FINISHED REELING DETAILS

HARWIN PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
M20-87602XXR	24.00	11.50		5.80
M20-87603XXR				7.80
M20-87604XXR				10.35
M20-87605XXR	32.00	28.40	14.20	12.90
M20-87607XXR				18.00
M20-87608XXR				20.55
M20-87610XXR	44.00	40.40	20.20	25.65
M20-87617XXR	72.00	68.40	34.20	43.60

TAPE DETAILS FOR
05, 07, 08, 10 & 17 WAYS



- NOTES:
1. QUANTITY PER REEL = 350 PIECES.
 2. FOR CONNECTOR DIMENSIONS AND SPECIFICATIONS, SEE SHEET 3.
 3. TAPE & REELING TO BE IN ACCORDANCE WITH ELECTRONIC INDUSTRIES ASSOCIATION EIA-481.

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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 SHEET 3
FINISH: SEE SHEET 3
S/AREA: mm²

TITLE: 2.54mm PITCH DIL SMT PIN HEADER ASSEMBLY (WITH P/PLACE CAP, T/REEL)
DRAWING NUMBER: M20-876XXXXR
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