

Customer Information Sheet

DRAWING No.: M20-877XXXXR

SHEET 3 OF 4

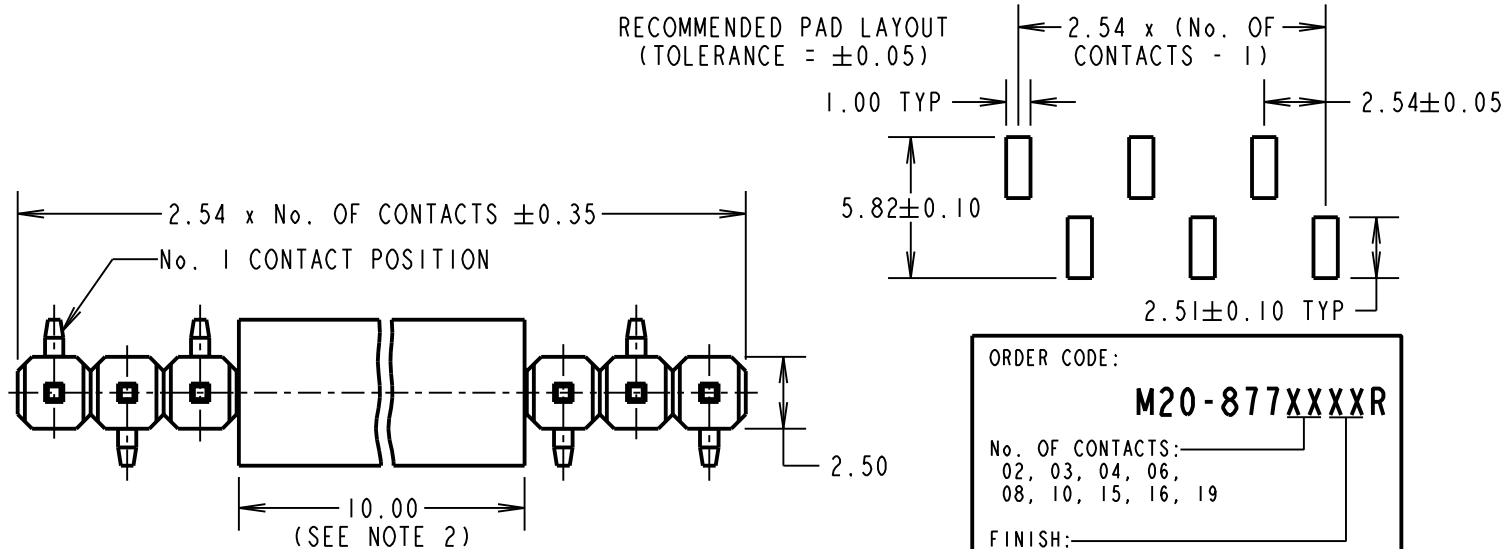
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

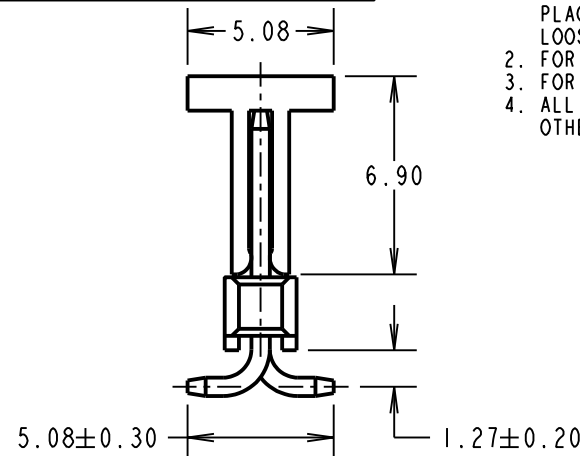
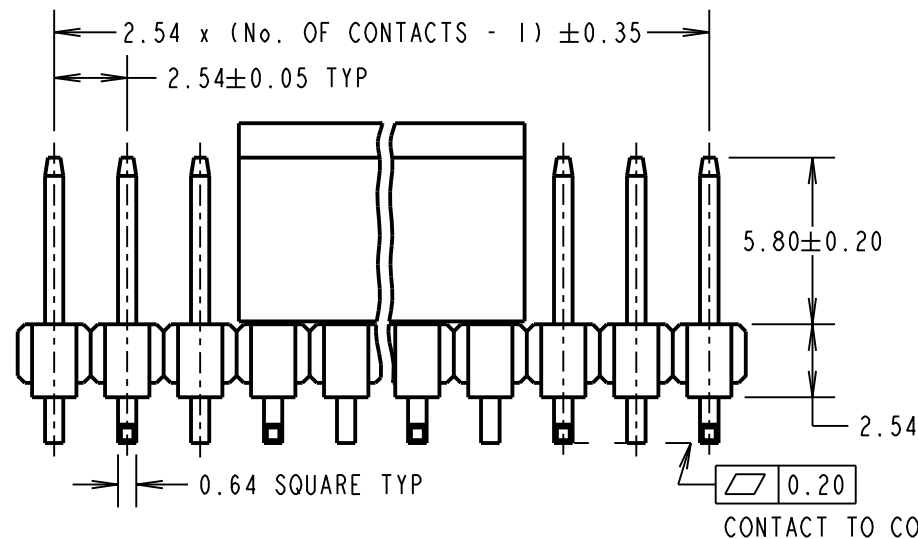
M20-877XXXXR

No. OF CONTACTS:

02, 03, 04, 06,
08, 10, 15, 16, 19

FINISH:

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



SPECIFICATION:

MATERIAL:

MOULDING = PA6T UL94V-0, BLACK

CONTACT = BRASS

FINISH (OVER NICKEL):

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

46 = 100% TIN

ELECTRICAL:

CURRENT RATING = 3A MAX

CONTACT RESISTANCE = 30m Ω MAX (TIN),
25m Ω MAX (GOLD)

INSULATION RESISTANCE = 1,000M Ω MIN

DIELECTRIC STRENGTH = 750V AC/DC

MECHANICAL:

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

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

PACKING:

BAG

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C001XX (LATEST ISSUE)

NOTES:

- SEE DRAWING M20-877XXXXP FOR PICK AND PLACE TUBE OPTION, M20-877XXXX FOR LOOSE OPTION.
- FOR 4 WAYS AND LESS, CAP LENGTH = 6.00mm.
- FOR REELING DETAILS SEE SHEET 4.
- ALL TOLERANCES ARE ± 0.15 mm UNLESS OTHERWISE STATED.

SB	19	01.12.17	20948
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: J. KEIR			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
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DISCLOSED, LOANED, COPIED
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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 TABLE

FINISH: SEE TABLE

S/AREA:

mm²

TITLE: 2.54mm PITCH SIL
SMT VERTICAL PIN HEADER WITH
P/PLACE, TAPE & REEL (L/HAND)

DRAWING NUMBER:

M20-877XXXXR

SHT
3
OF 4

Customer Information Sheet

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SHEET 4 OF 4

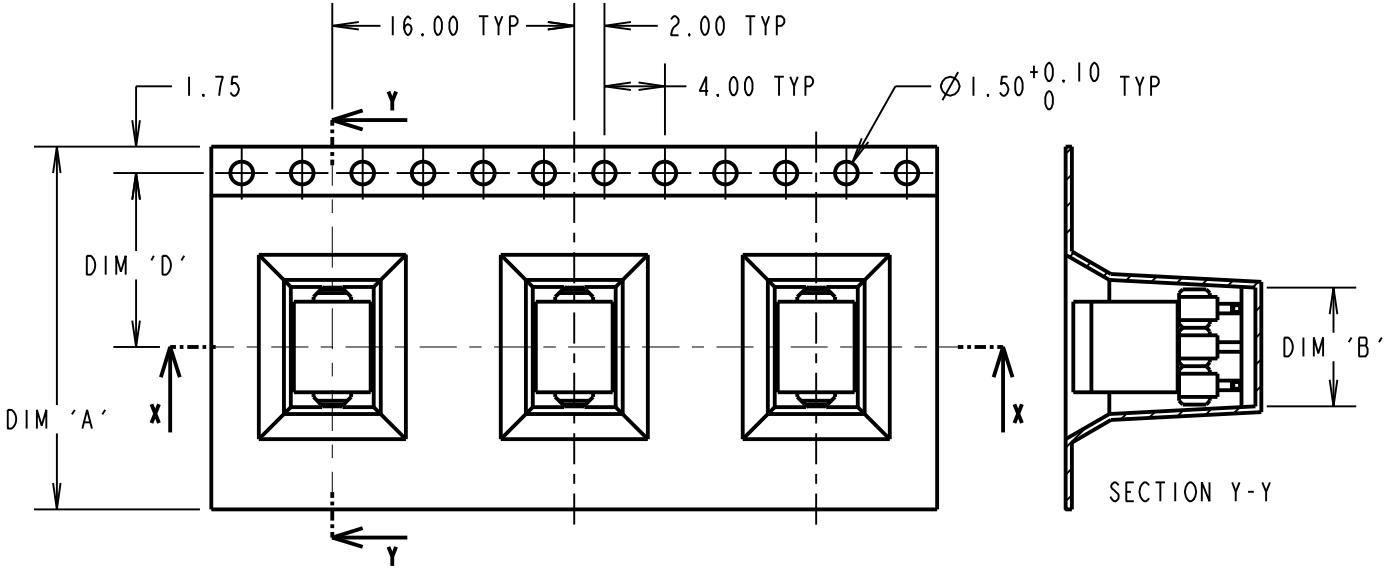
IF IN DOUBT - ASK

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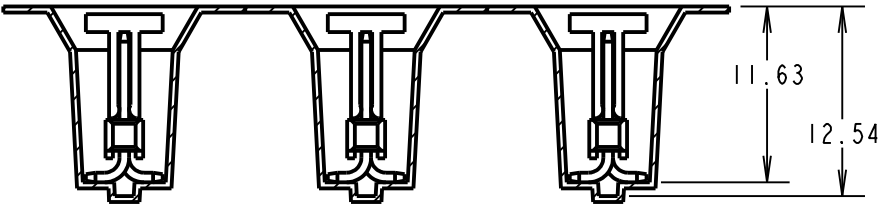
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THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

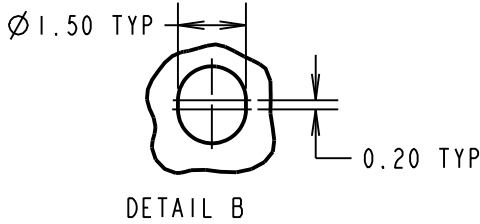
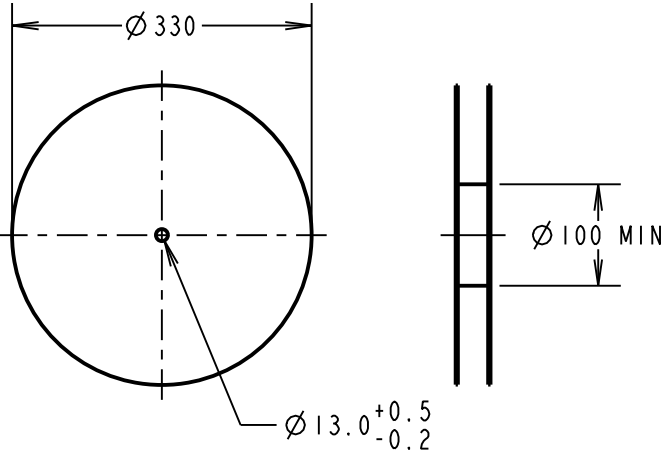


SECTION X-X

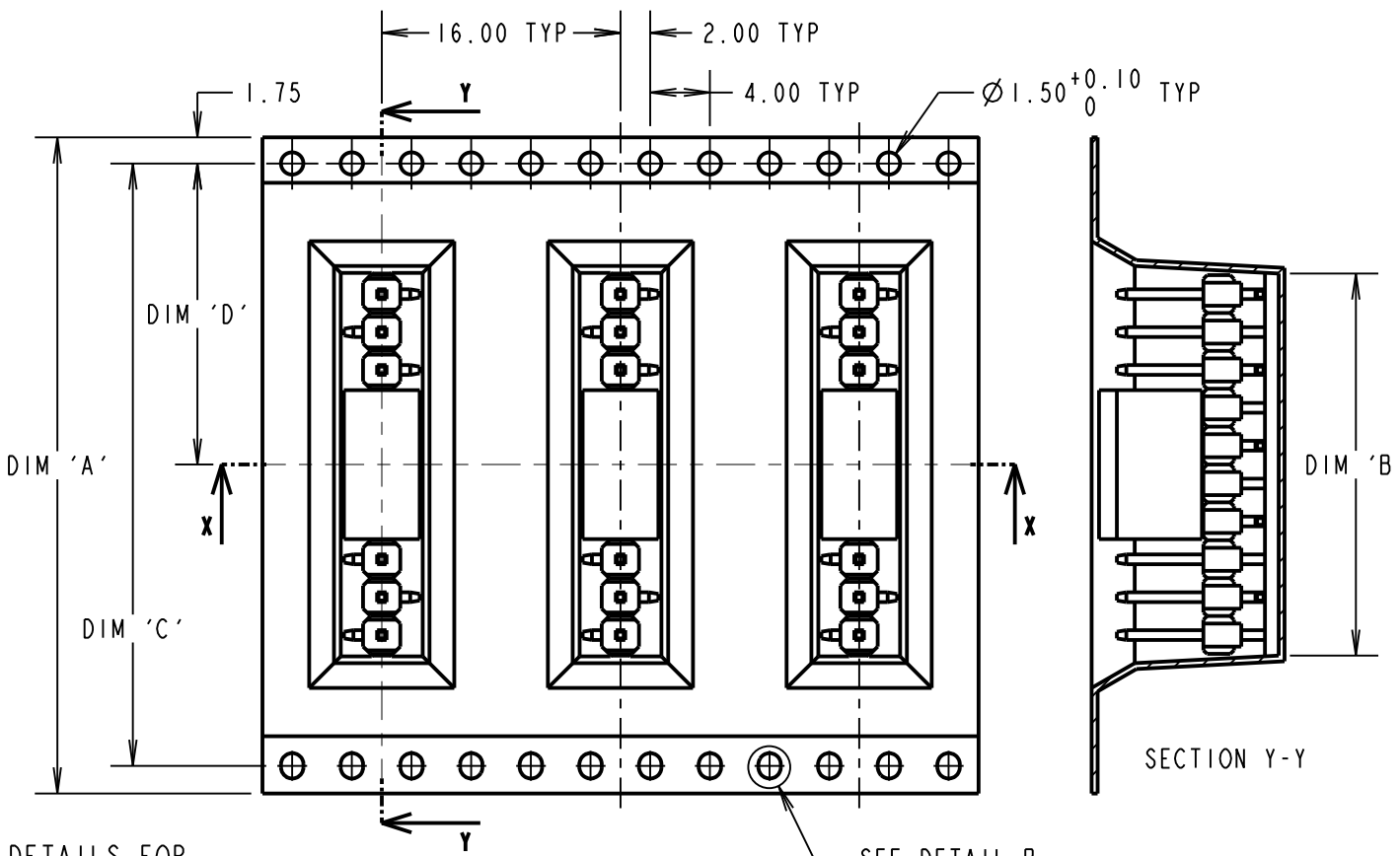
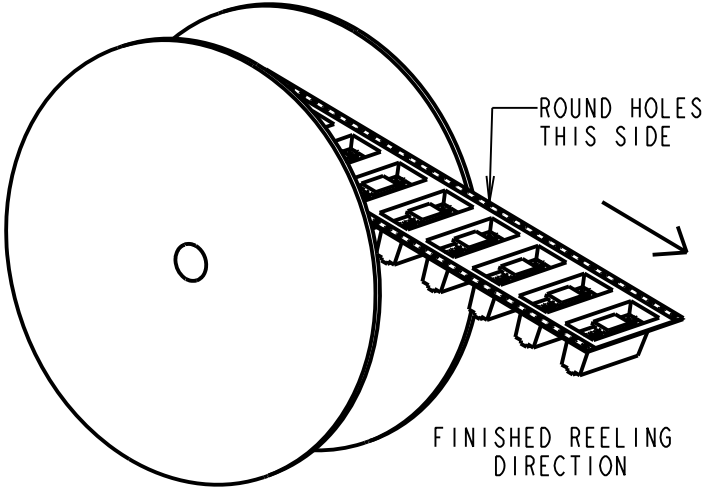


TAPE DETAILS FOR
02 & 03 CONTACTS

REEL DETAILS

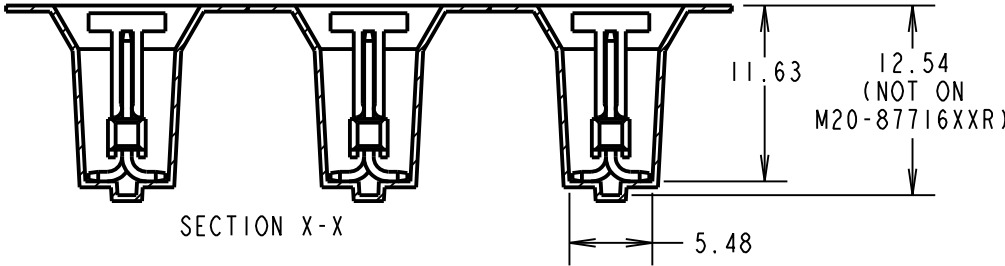


DETAIL B



SEE DETAIL B

TAPE DETAILS FOR
04, 06, 08, 10,
15, 16 & 19 CONTACTS



SECTION X-X

HARWIN PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
M20-87702XXR	24.00±0.30	5.31	-	11.50
M20-87703XXR		7.85	-	11.50
M20-87704XXR	32.00±0.30	10.39	28.40	14.20
M20-87706XXR		15.47		
M20-87708XXR	44.00±0.30	20.55	40.40	20.20±0.15
M20-87710XXR		25.63		
M20-87715XXR	56.00±0.30	43.57	52.40	26.20±0.15
M20-87716XXR	72.00±0.30	40.90	68.40	34.20±0.30
M20-87719XXR		53.73		

- NOTES:
1. QUANTITY PER REEL = 450.
 2. FOR CONNECTOR DIMENSIONS, SEE SHEET 3.
 3. TAPE AND REELING IS IN GENERAL ACCORDANCE WITH ELECTRONIC INDUSTRIES ASSOCIATION EIA-481.

SB	19	01.12.17	20498
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: J. KEIR			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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

TITLE: 2.54mm PITCH SIL
SMT VERTICAL PIN HEADER WITH
P/PLACE, TAPE & REEL (L/HAND)
DRAWING NUMBER:
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