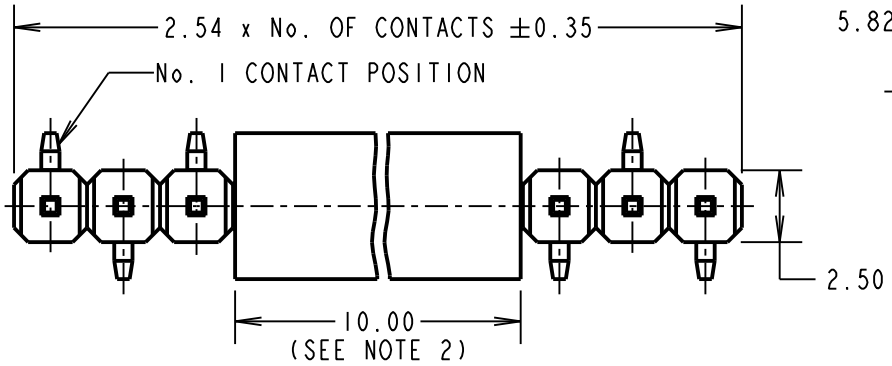
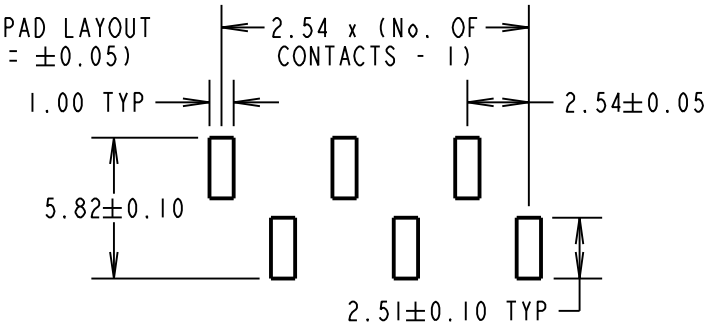
Customer Information Sheet

DRAWING No.: M20-877XXXXR	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

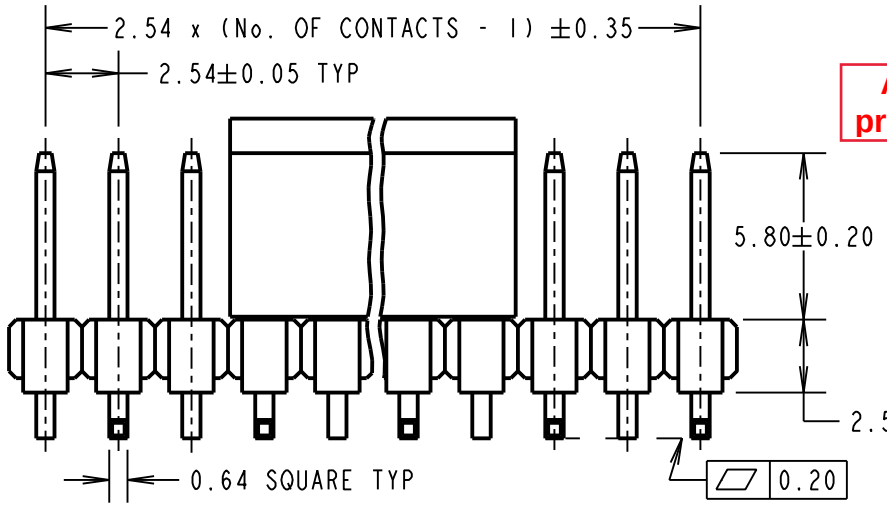
OBSOLETE
All other size/finish combinations not listed below



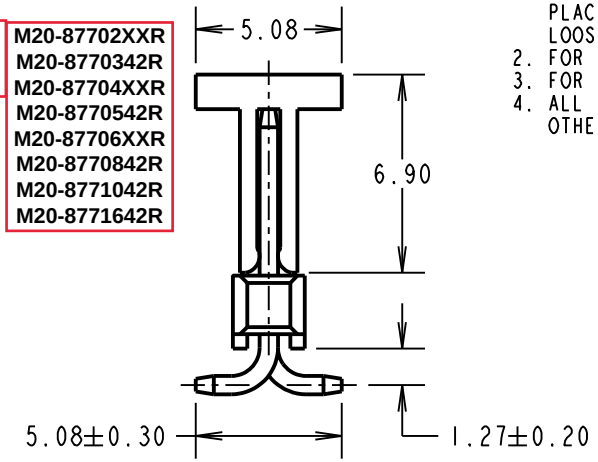


ORDER CODE:
M20-877XXXXR
No. OF CONTACTS:
02, 03, 04, 05, 06, 08, 10, 15, 16, 19
FINISH:
42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

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 = 30mΩ MAX (TIN), 25mΩ MAX (GOLD)
INSULATION RESISTANCE = 1,000MΩ 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)



Active products:
M20-87702XXR
M20-8770342R
M20-87704XXR
M20-8770542R
M20-87706XXR
M20-8770842R
M20-8771042R
M20-8771642R



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

MGP	21	25.11.21	31219
NAME	ISS.	DATE	CN/CO

APPROVED: MGP
CHECKED: MR
DRAWN: J. KEIR
CUSTOMER REF.:
ASSEMBLY DRG:

HARWIN
www.harwin.com
technical@harwin.com

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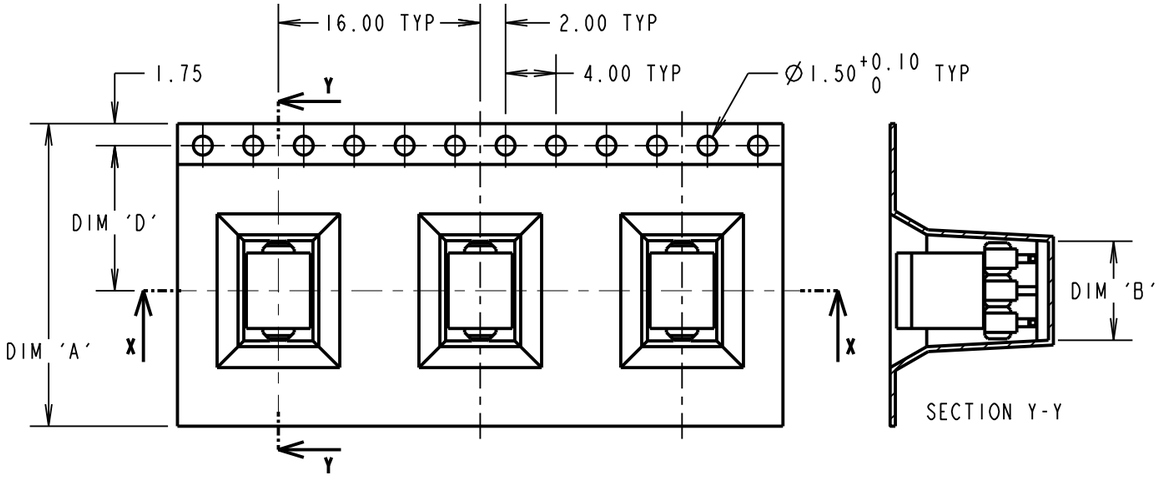
TOLERANCES
X = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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

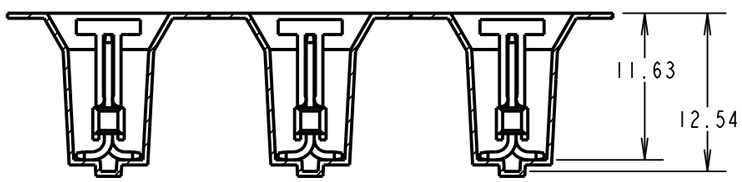
Customer Information Sheet

DRAWING No.: M20-877XXXXR	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

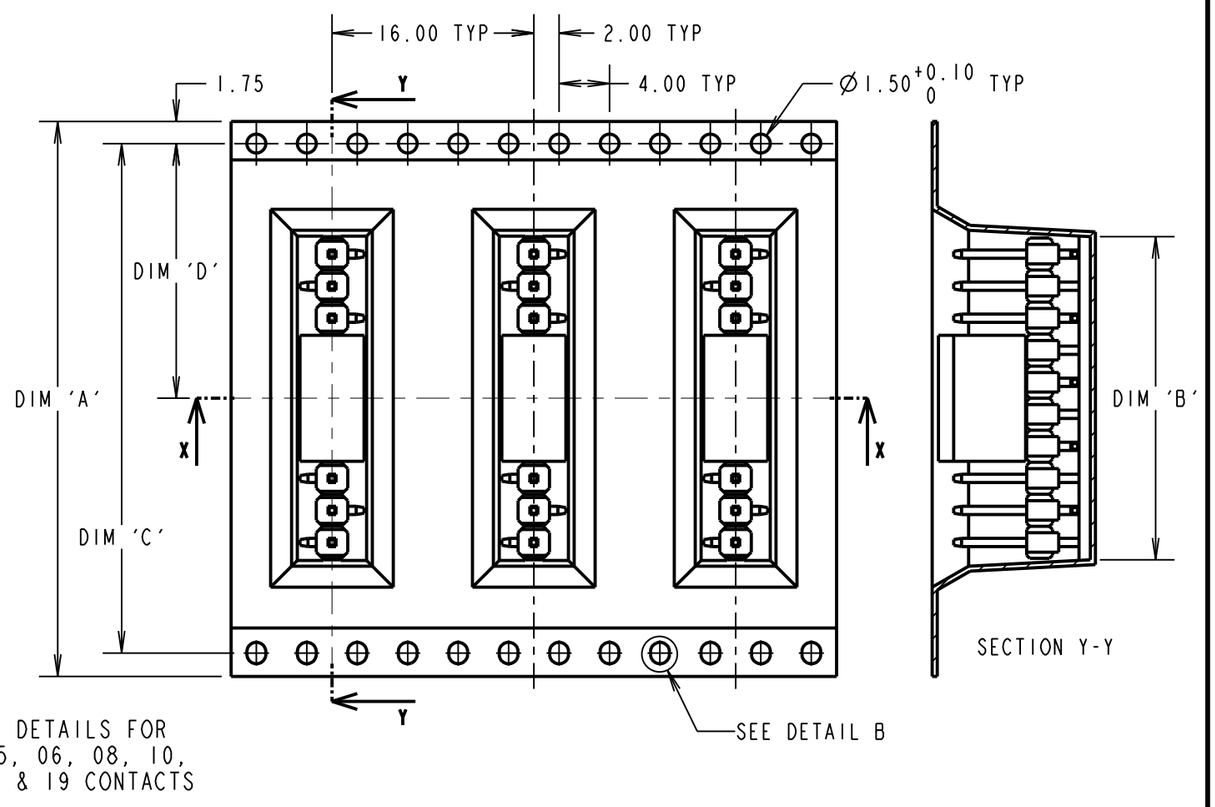


SECTION X-X

SECTION Y-Y



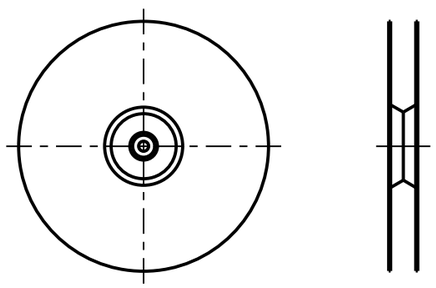
TAPE DETAILS FOR
02 & 03 CONTACTS

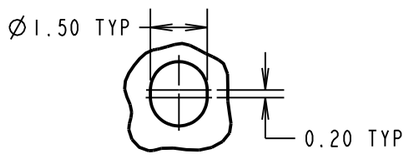


TAPE DETAILS FOR
04, 05, 06, 08, 10,
15, 16 & 19 CONTACTS

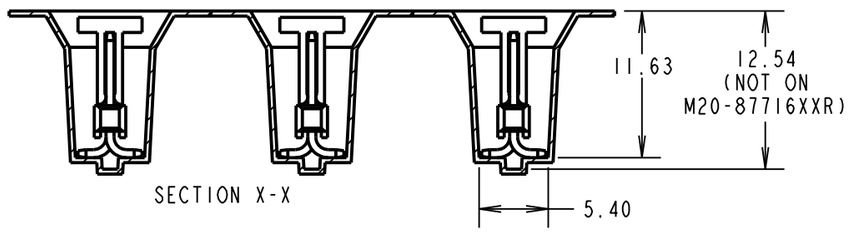
SECTION Y-Y

REEL DETAILS

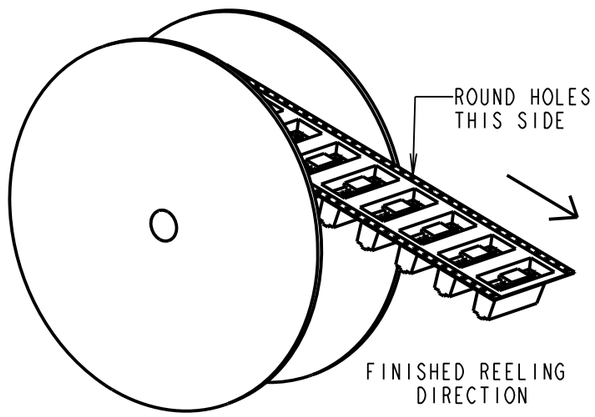




DETAIL B



SECTION X-X



FINISHED REELING
DIRECTION

HARWIN PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
M20-87702XXR	24.00±0.30	5.28	-	11.50
M20-87703XXR		7.80	-	11.50
M20-87704XXR	32.00±0.30	10.50	28.40	14.20
M20-87705XXR		13.10		
M20-87706XXR		15.60		
M20-87708XXR	44.00±0.30	20.60	40.40	20.20±0.15
M20-87710XXR		25.80		
~~M20-87715XXR~~	~~56.00±0.30~~	~~38.33~~	~~52.40~~	~~26.20±0.15~~
M20-87716XXR	72.00±0.30	40.90	68.40	34.20±0.30
~~M20-87719XXR~~		~~48.24~~		

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.

NAME	ISS.	DATE	CN/CO
MGP	21	25.11.21	31219
APPROVED: MGP			
CHECKED: MR			
DRAWN: J. KEIR			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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X.X = ±0.50mm
X.XX = ±0.20mm
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: M20-877XXXXR

SHT 4 OF 4