

Customer Information Sheet

DRAWING No.: M20-877XXXXR

SHEET 3 OF 4

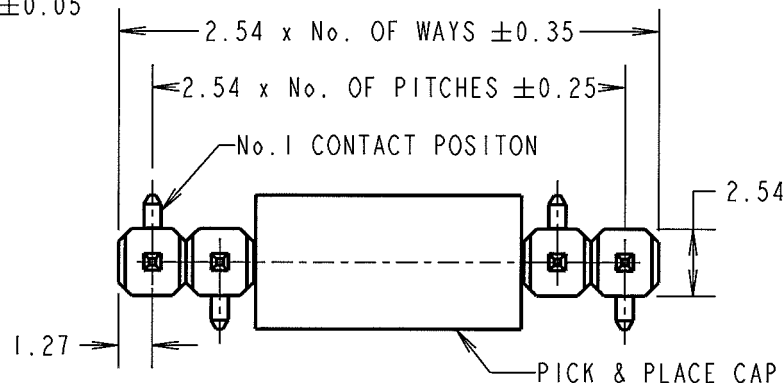
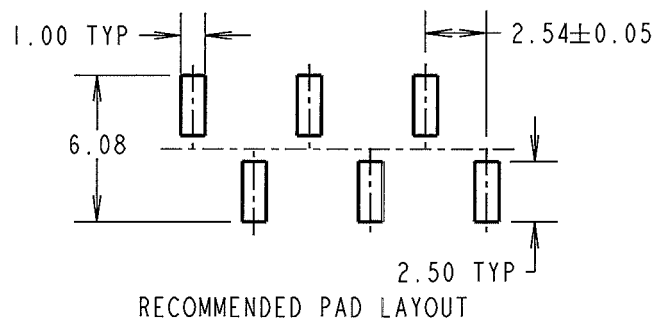
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

M20-877XXXXRNo. OF WAYS: _____
02, 03, 04, 06, 08, 10, 15, 28FINISH: _____
42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN**NOTES:**

1. SEE DRAWING M20-877XXXXP FOR PICK AND PLACE VERSION, M20-877XXXX FOR STANDARD PRODUCT.
2. FOR 4 WAYS AND LESS, CAP LENGTH = 6.00mm.
3. FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).
4. FOR REELING DETAILS SEE SHEET 4.

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 = 30 mΩ MAX (TIN), 25 mΩ MAX (GOLD)
INSULATION RESISTANCE = 1,000 MΩ MIN
DIELECTRIC STRENGTH = 750V AC/DC**MECHANICAL:**

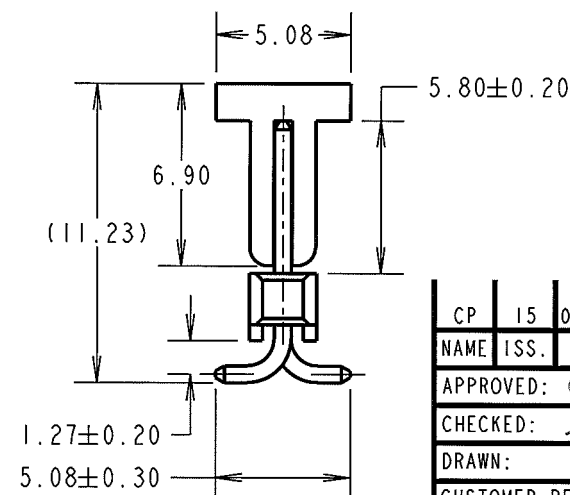
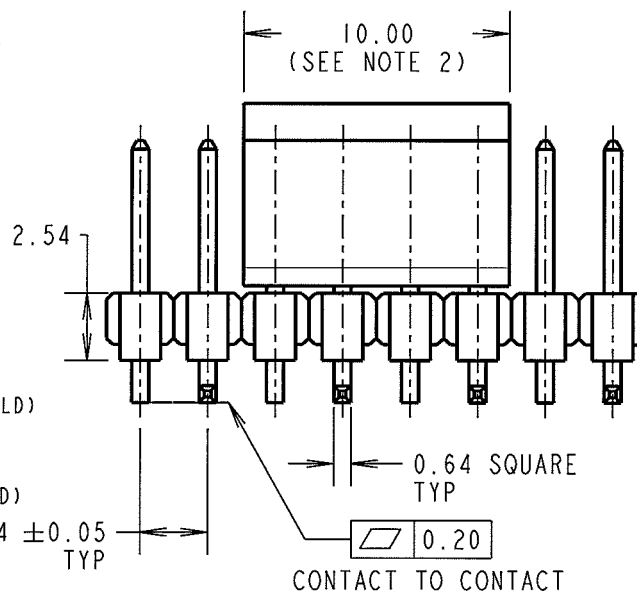
DURABILITY = 50 OPERATIONS (TIN), 300 OPERATIONS (GOLD)

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

PACKING:

BAG

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

CP	15	03.07.09	10367
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: J. KEIR			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
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TOLERANCESX. = ±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: mm²TITLE: 2.54mm PITCH SIL
SMT VERTICAL PIN HEADER WITH
P/PLACE, TAPE & REEL (L/HAND)

DRAWING NUMBER:

M20-877XXXXRSHT
3
OF
4

Customer Information Sheet

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SHEET 4 OF 4

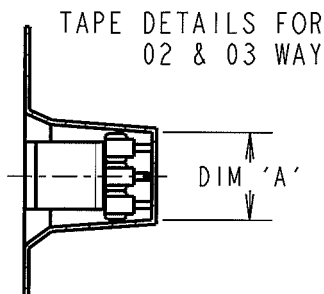
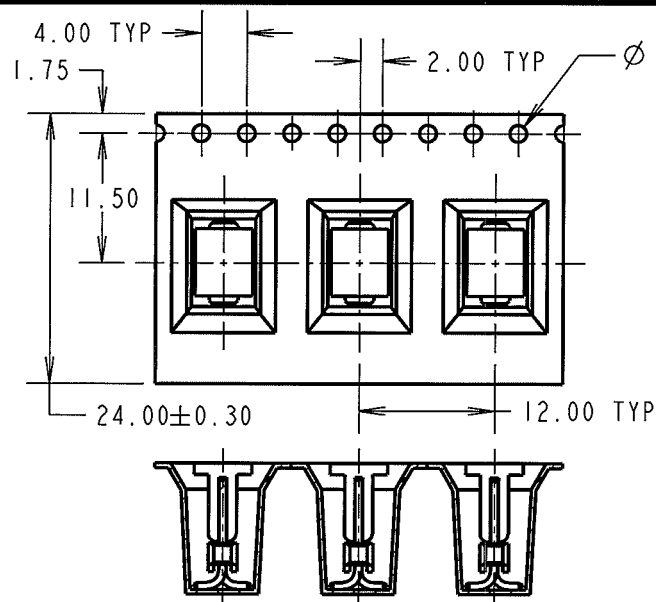
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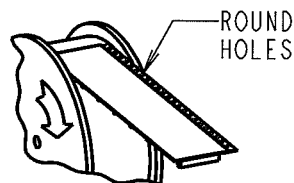
NOT TO SCALE

THIRD ANGLE PROJECTION

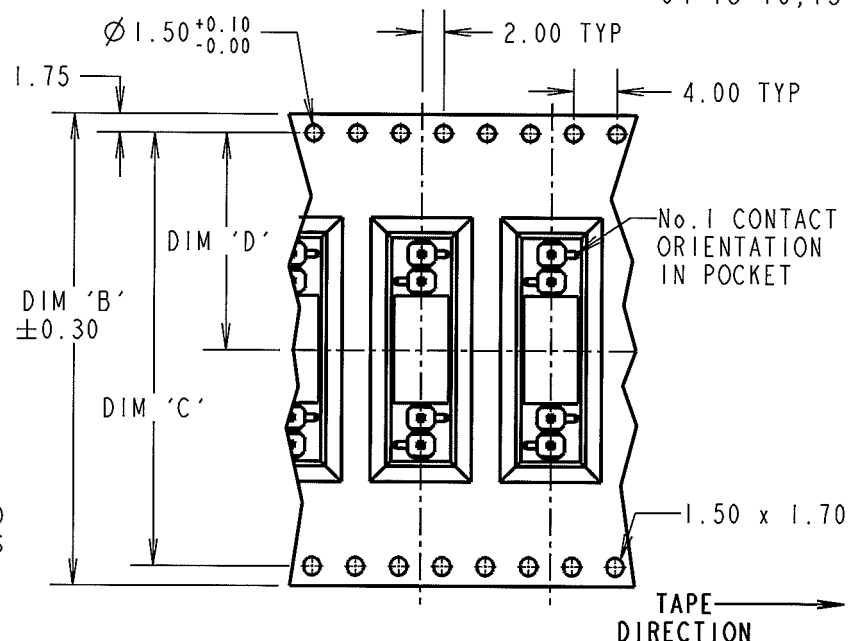
ALL DIMENSIONS IN mm



TAPE DIRECTION
FINISHED REELING DIRECTION



TAPE DETAILS FOR
04 TO 10, 15 & 28 WAY



No. 1 CONTACT
ORIENTATION
IN POCKET

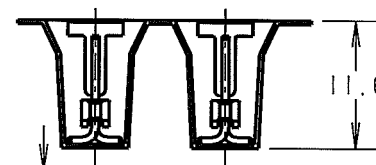
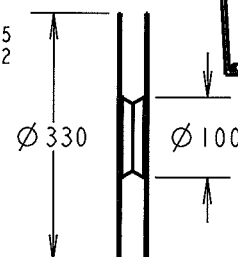
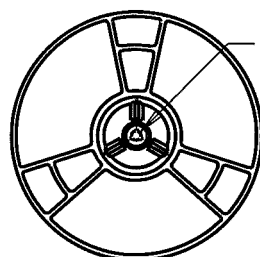
TAPE DIRECTION

NOTES:

1. QUANTITY PER REEL: 02 TO 15 = 450 PIECES,
28 WAY = 300 PIECES.
2. FOR CONNECTER DIMENSIONS, SEE SHEET 3.
3. TAPE & REELING TO BE IN ACCORDANCE WITH
ELECTRONIC INDUSTRIES ASSOCIATION EIA-481.

HARWIN PART No.	DIM 'A'	DIM 'B' ±0.30	DIM 'C'	DIM 'D'
M20-87702XXR	5.80	X	X	X
M20-87703XXR	7.80	X	X	X
M20-87704XXR	X	32.00	28.40	14.20
M20-87706XXR	X	32.00	28.40	14.20
M20-87708XXR	X	44.00	40.40	20.20 ± 0.15
M20-87710XXR	X	44.00	40.40	20.20 ± 0.15
M20-87715XXR	X	56.00	52.40	26.20 ± 0.15
M20-87728XXR	X	88.00	84.40	42.20 ± 0.30

REEL DETAILS



CP	15	03.07.09	10367
NAME	ISS.	DATE	C/NOTE
APPROVED:	C. PENROSE		
CHECKED:	R. ADDE		
DRAWN:	J. KEIR		
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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