

Customer Information Sheet

DRAWING No.: M40-320XX45R

SHEET 3 OF 4

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

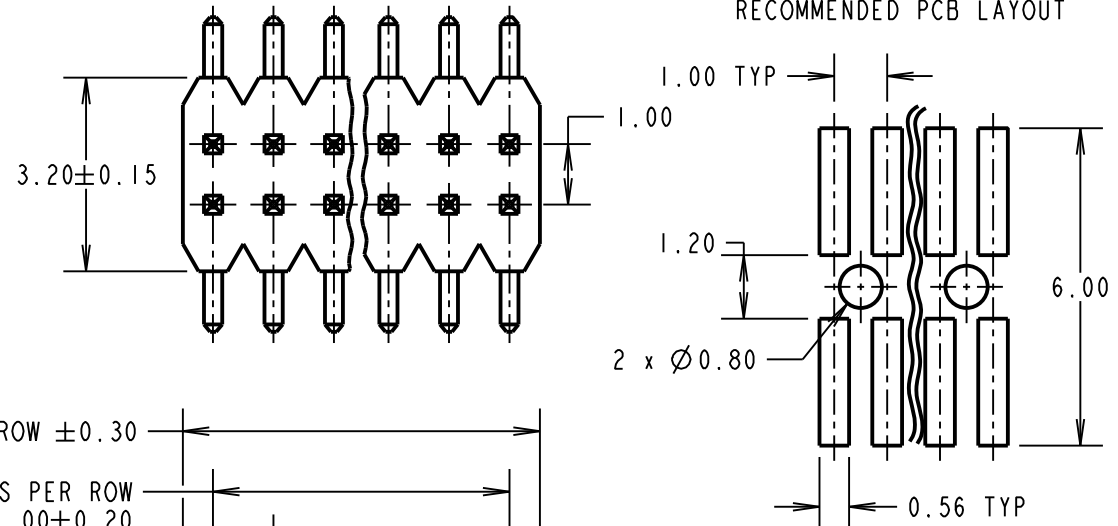
MATERIAL:
MOULDING = GLASS FILLED PA9T,
UL94V-0, BLACK
CONTACTS = BRASS
FINISH:
45 = GOLD FLASH OVER NICKEL
ELECTRICAL:
CURRENT RATING = 1.0A
CONTACT RESISTANCE = 30 mΩ MAX
INSULATION RESISTANCE = 1000 MΩ MIN
MECHANICAL:
DURABILITY = 300 OPERATIONS
DIELECTRIC STRENGTH = 500V AC/DC
ENVIRONMENTAL:
TEMPERATURE RANGE = -40°C TO +105°C
FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPECIFICATION C026XX (LATEST ISSUE)

ORDER CODE:

M40-320XX45R

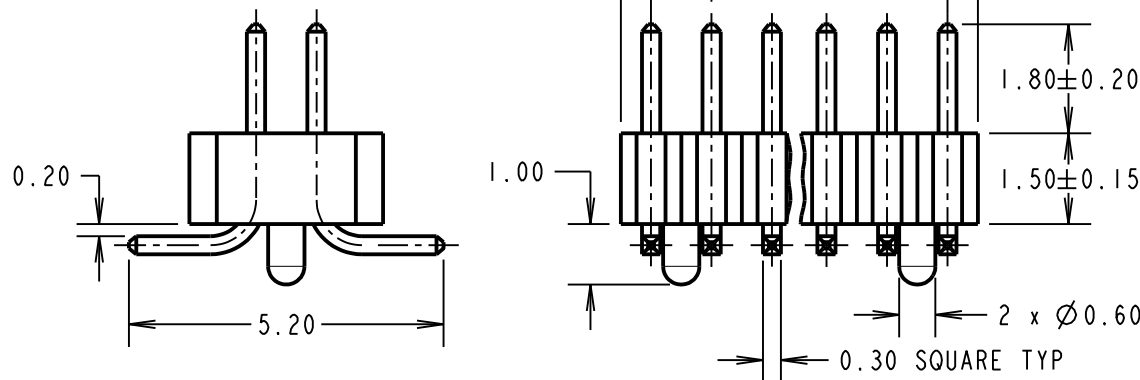
No. OF CONTACTS PER ROW
03, 04, 05, 06, 08, 10, 20
25

RECOMMENDED PCB LAYOUT



No. OF CONTACTS PER ROW ± 0.30

No. OF CONTACTS PER ROW
- 1.00 ± 0.20



NOTES:

1. ALL TOLERANCES ARE ± 0.25 UNLESS OTHERWISE STATED.
2. CAP REMOVED FROM MAIN VIEWS FOR CLARITY, PART COMES FITTED WITH CAP. SEE SHEET 4 FOR CAP DETAILS.

MSP	3	14.09.17	20547
NAME	ISS.	DATE	C/NOTE
APPROVED:	M.PERREN		
CHECKED:	S.BENNETT		
DRAWN:	R.ADDE		
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

THIS DRAWING AND ANY
INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
CONFIDENTIAL AND COPYRIGHT
PROPERTY OF THE HARWIN
GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
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: 1.00mm PITCH DIL
SMT PIN HEADER ASSEMBLY
(TAPE & REEL)

DRAWING NUMBER:

M40-320XX45R

SHT
3
OF
4

Customer Information Sheet

DRAWING No.: M40-320XX45R

SHEET 4 OF 4

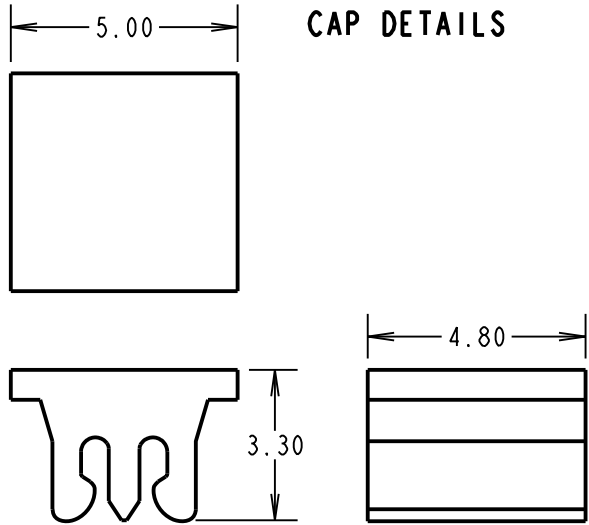
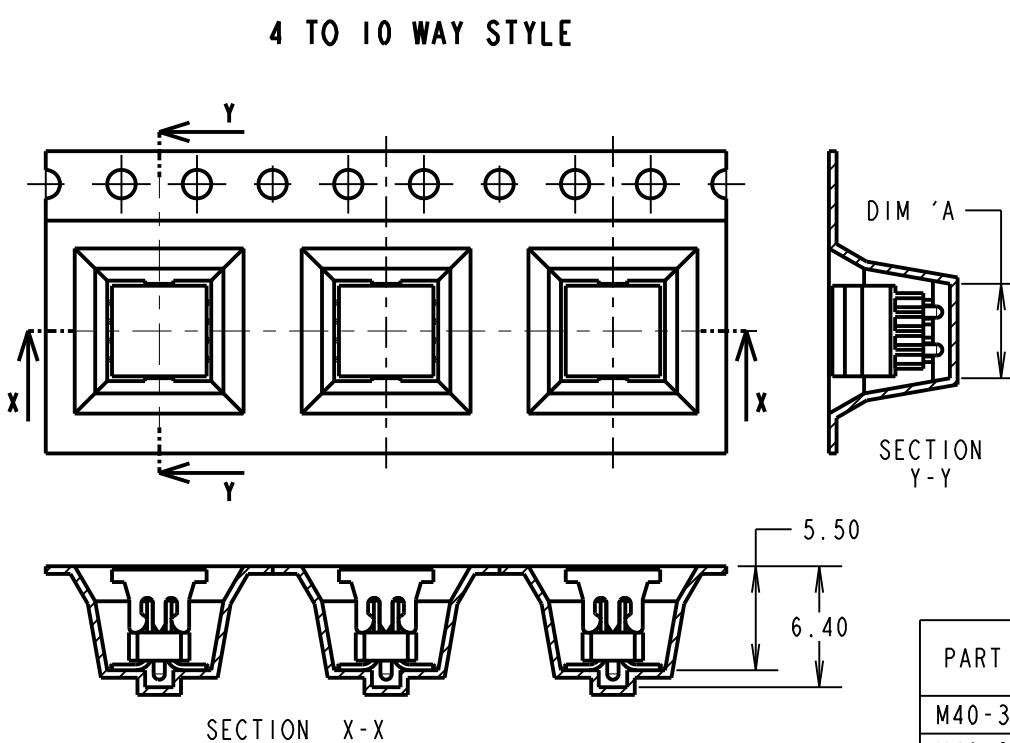
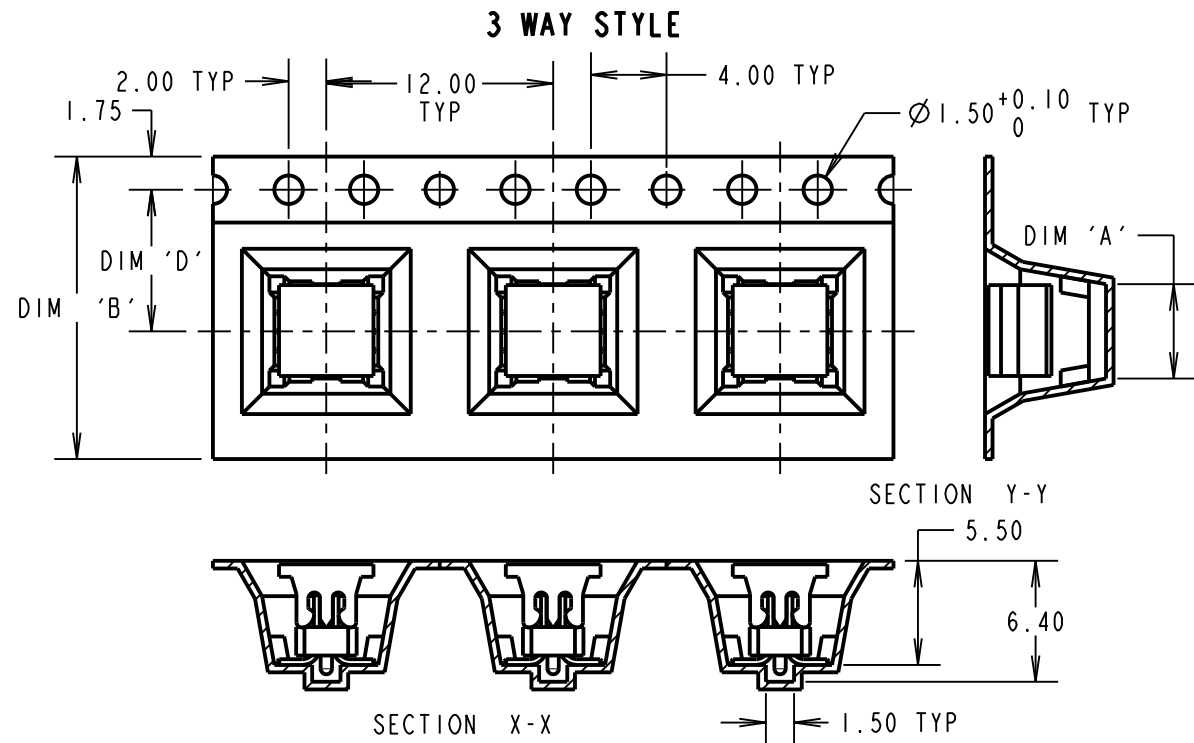
IF IN DOUBT - ASK

(C)

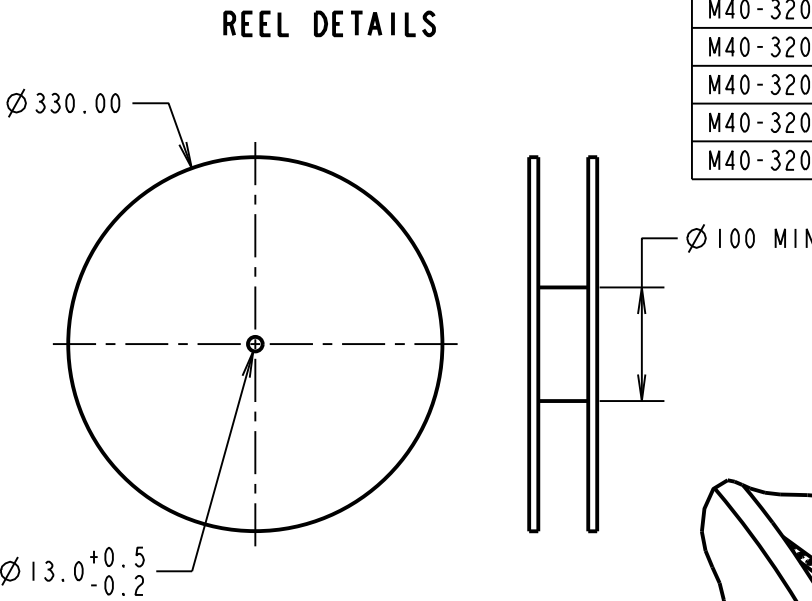
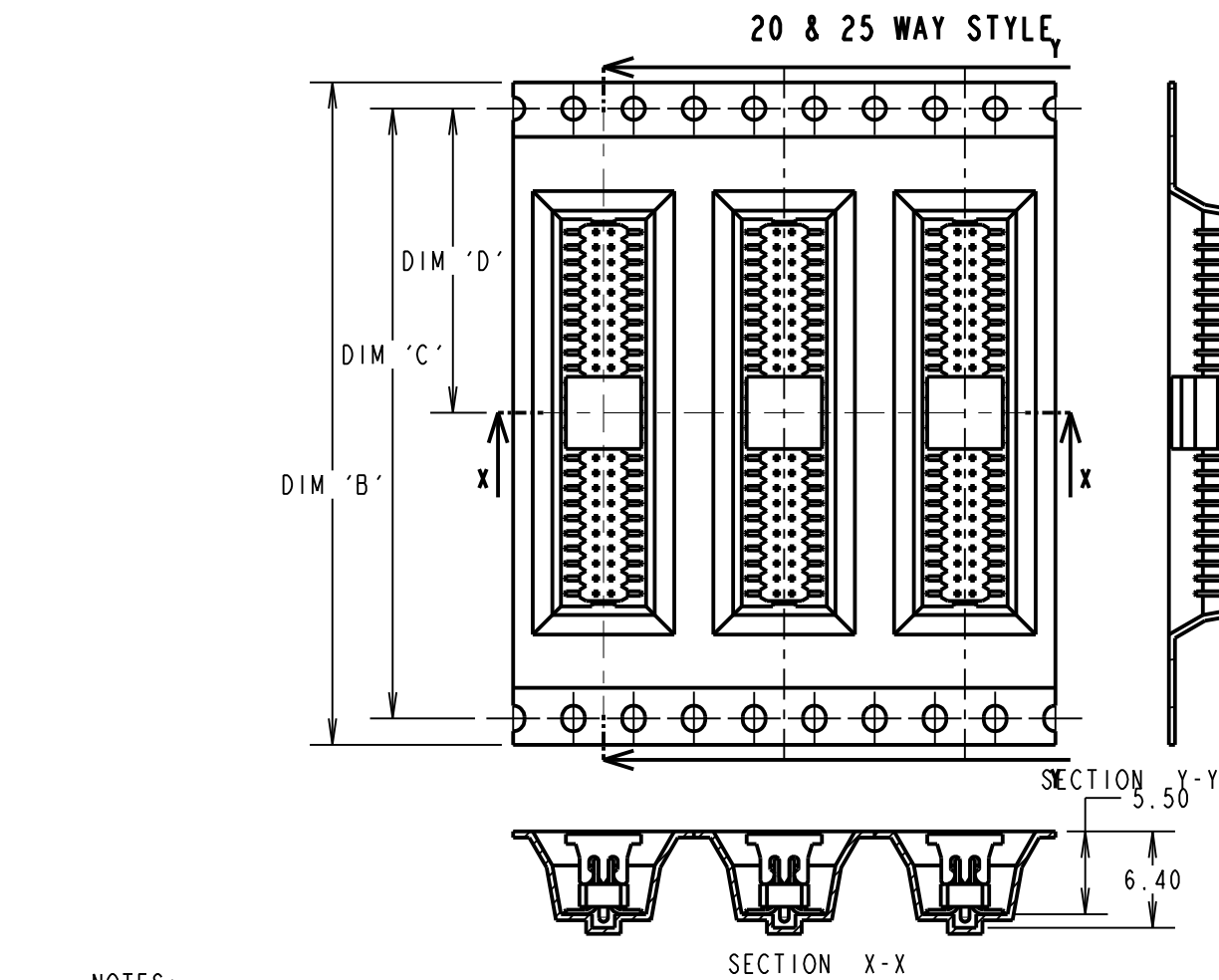
NOT TO SCALE

THIRD ANGLE PROJECTION

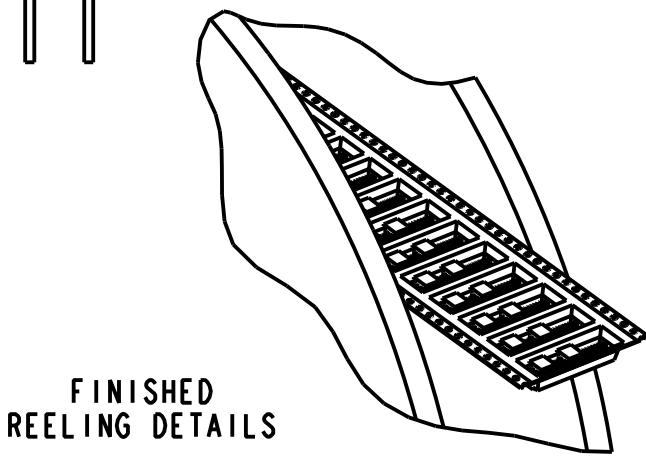
ALL DIMENSIONS IN mm



PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
M40-3200345R	5.00	16.00±0.30		7.50±0.10
M40-3200445R	5.00			
M40-3200545R	5.40			
M40-3200645R	6.40	24.00±0.30		11.50±0.10
M40-3200845R	8.40			
M40-3201045R	10.40	44.00±0.30	40.40	20.20±0.15
M40-3202045R	20.40			
M40-3202545R	25.40			



ORDER CODE:
M40-320XX45R
No. OF CONTACTS PER ROW
03, 04, 05, 06, 08, 10, 20
25



- NOTES:
- FOR CONNECTOR DIMENSIONS, SEE SHEET 3.
 - TAPE & REEL TO BE IN ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
 - PICK & PLACE CAP IS THE SAME FOR ALL SIZES.
 - QUANTITY PER REEL FOR ALL SIZES = 800.
 - TAPE THICKNESS FOR ALL WAYS IS 0.40±0.10.

HARWIN
www.harwin.com
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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

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

TITLE: 1.00mm PITCH DIL SMT PIN HEADER ASSEMBLY (TAPE & REEL)
DRAWING NUMBER: M40-320XX45R
SHT 4 OF 4

MSP	3	14.08.17	20547
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			