

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 NYLON 6T
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

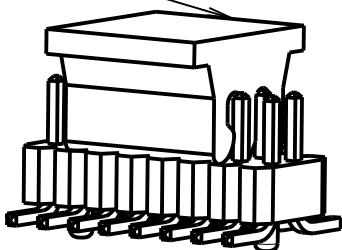
No. OF WAYS PER ROW

03, 04, 05, 06, 08, 10, 20
25

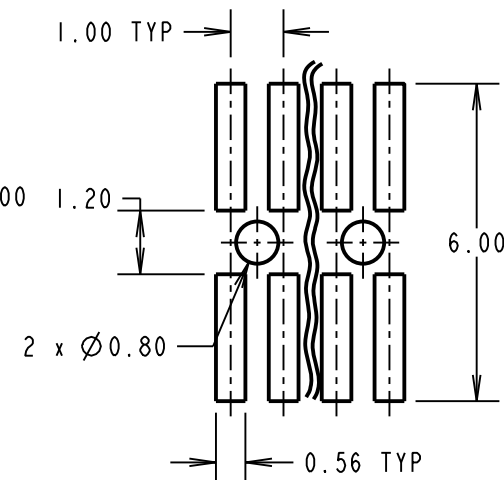
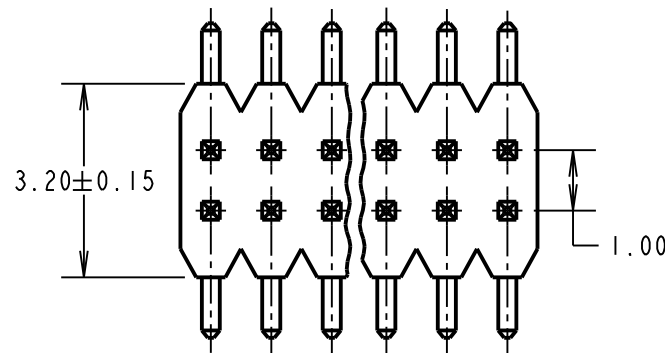
FINISH

45 - GOLD

CAP PLACED CENTRALLY
SEE NOTE 3

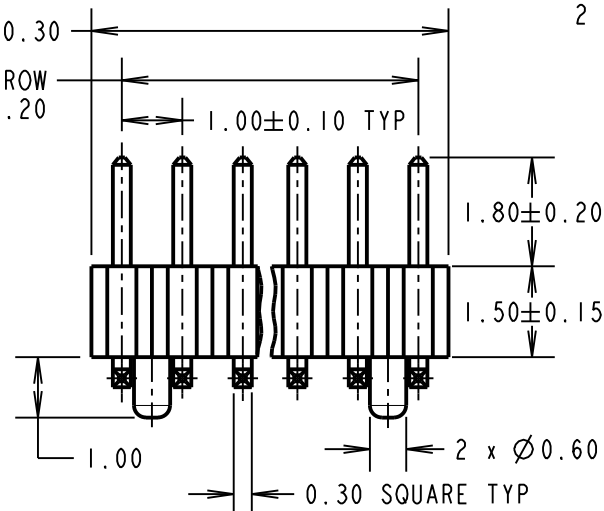
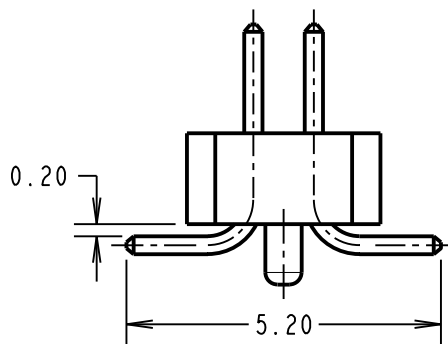


RECOMMENDED PCB LAYOUT



No. OF WAYS PER ROW ± 0.30

No. OF WAYS 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.

SB	2	02.05.12	11714
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.PLESTED			
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 = ±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: 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

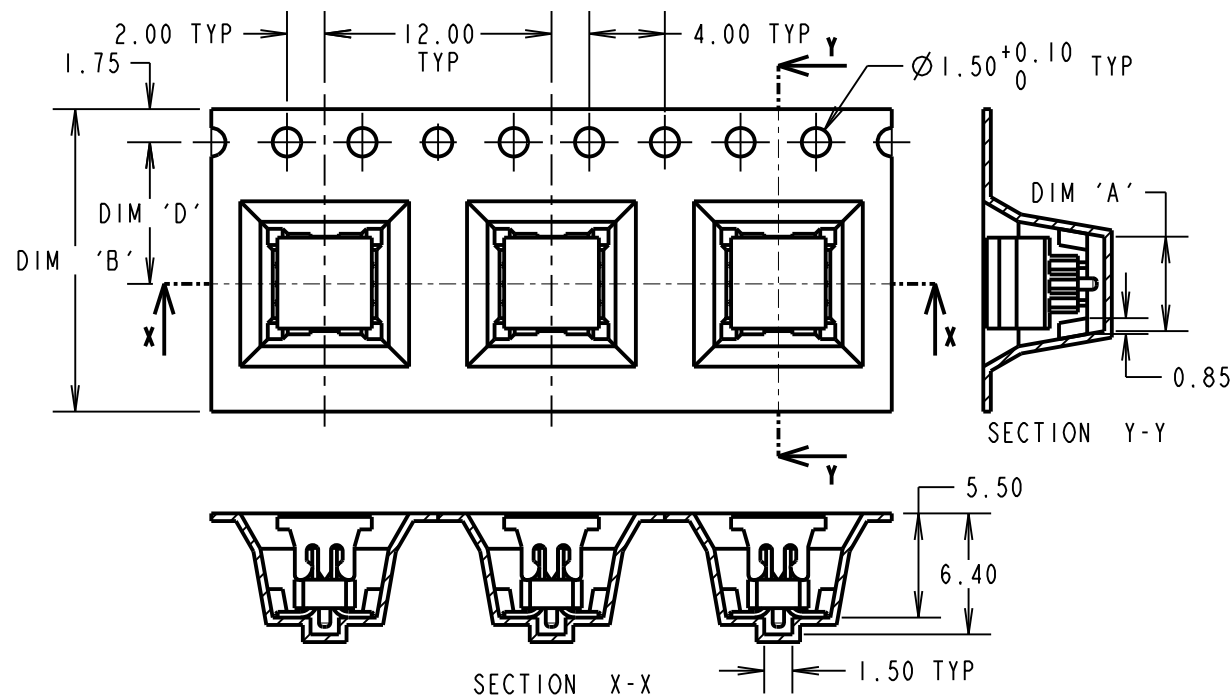
©

NOT TO SCALE

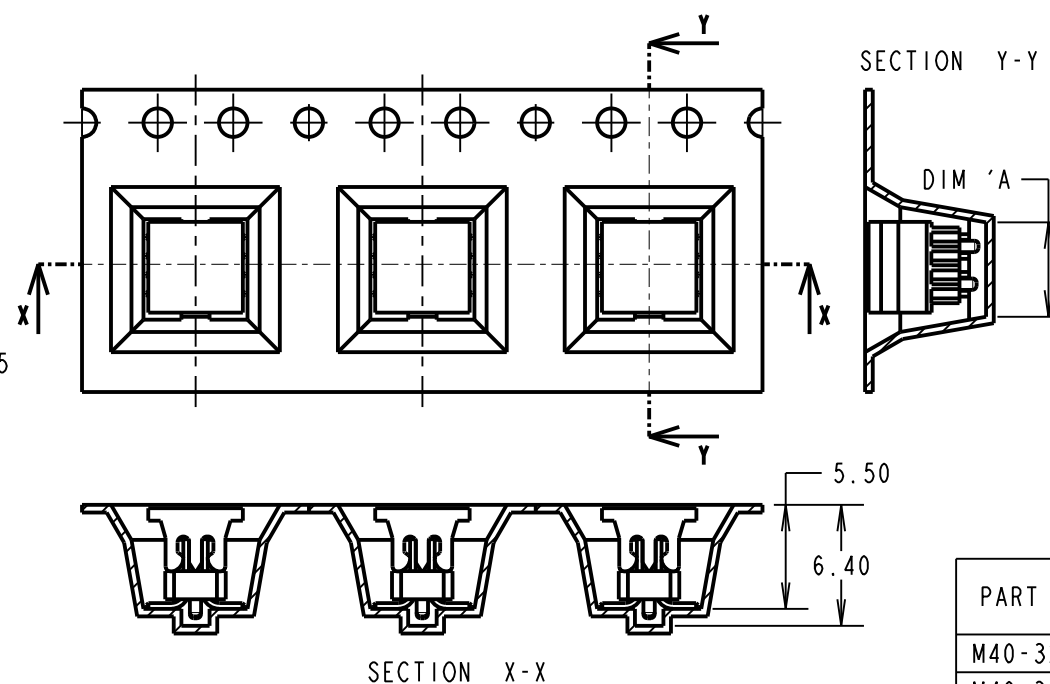
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

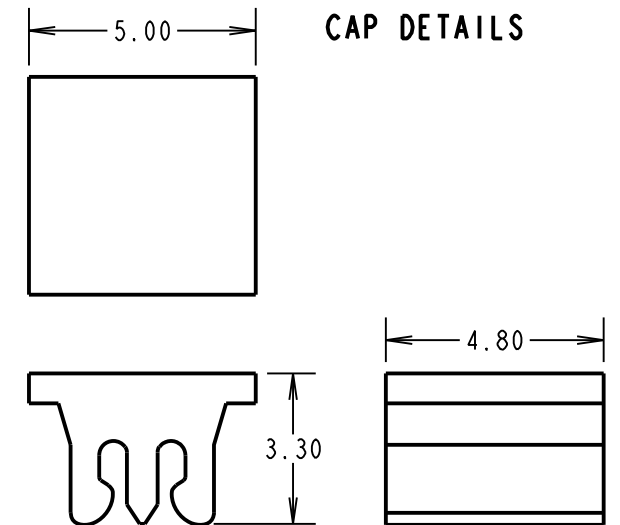
3 WAY STYLE



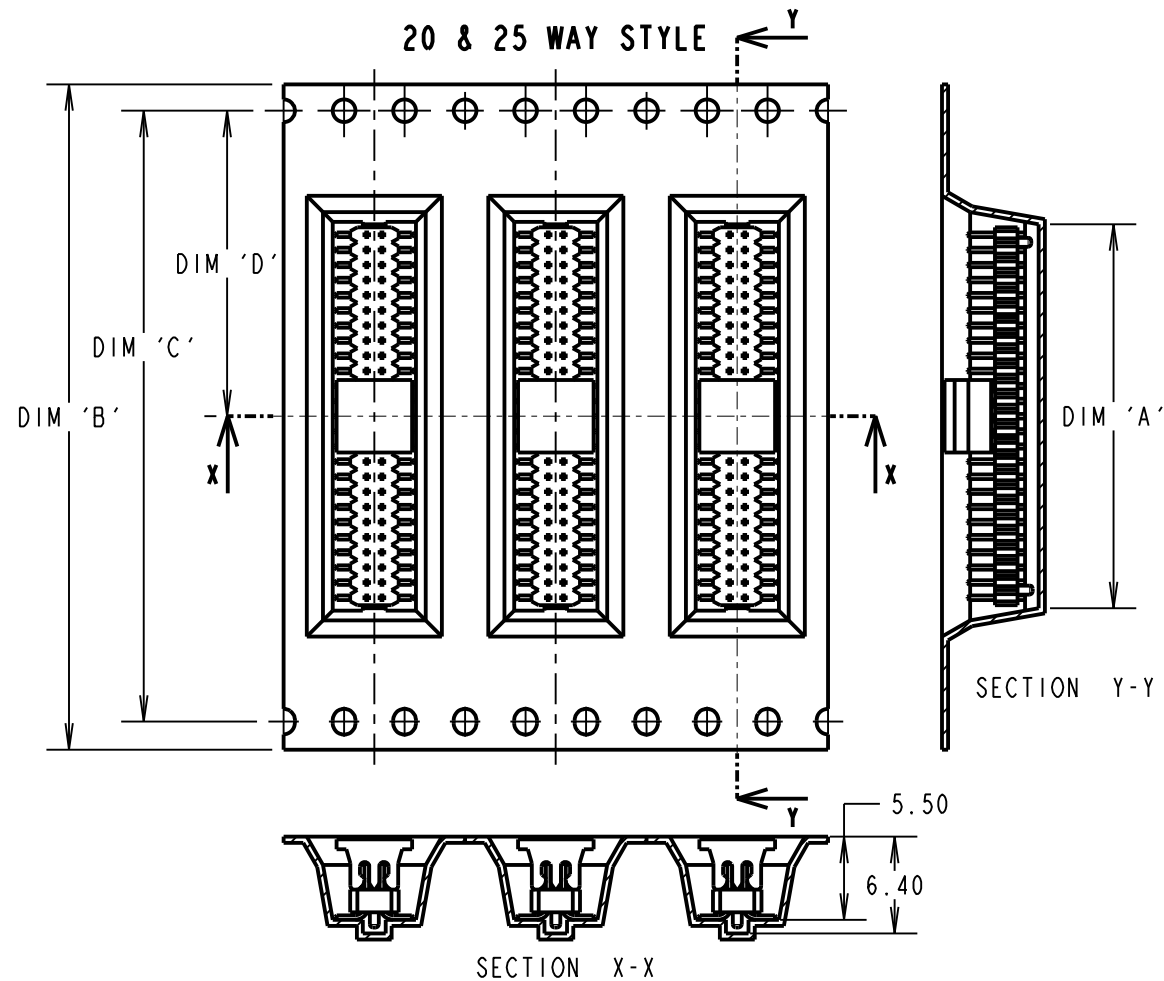
4 TO 10 WAY STYLE



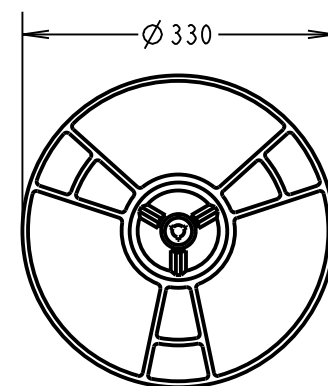
CAP DETAILS



20 & 25 WAY STYLE



REEL DETAILS



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			
M40-3202045R	20.40	44.00±0.30	40.40	20.20±0.15
M40-3202545R	25.40			

ORDER CODE:

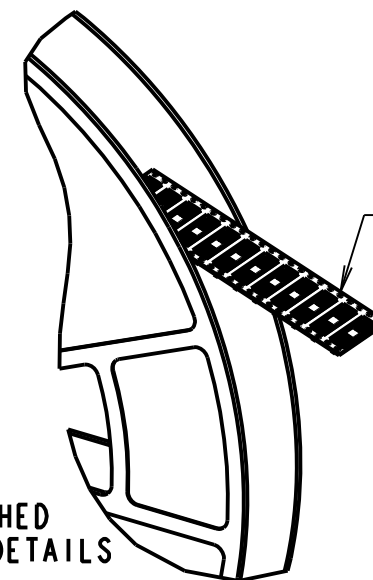
M40-320XX45R

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

FINISH:
45 = GOLD FLASH OVER NICKEL

ROUND HOLES THIS SIDE

FINISHED REELING DETAILS



NOTES:

1. FOR CONNECTOR DIMENSIONS, SEE SHEET 3
2. TAPE & REEL TO BE IN ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION)
3. PICK & PLACE CAP IS THE SAME FOR ALL SIZES.
4. QUANTITY PER REEL FOR ALL SIZES = 800.
5. 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. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
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
4 OF 4

SB	2	02.05.12	11714
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.PLESTED			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			