

Customer Information Sheet

DRAWING No.: M40-310XX45R

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
MOULDING = GLASS FILLED PA9T, UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE

FINISH:
GOLD FLASH OVER NICKEL

ELECTRICAL:
CURRENT RATING = 1A
INSULATION RESISTANCE = 5,000 MEGOHMS MIN.
CONTACT RESISTANCE = 20 MILLIOHMS MAX.
VOLTAGE PROOF = 1000V AC

MECHANICAL:
INSERTION FORCE = 1.5N MAX
WITHDRAWAL FORCE = 0.1N MIN.
DURABILITY = 300 CYCLES

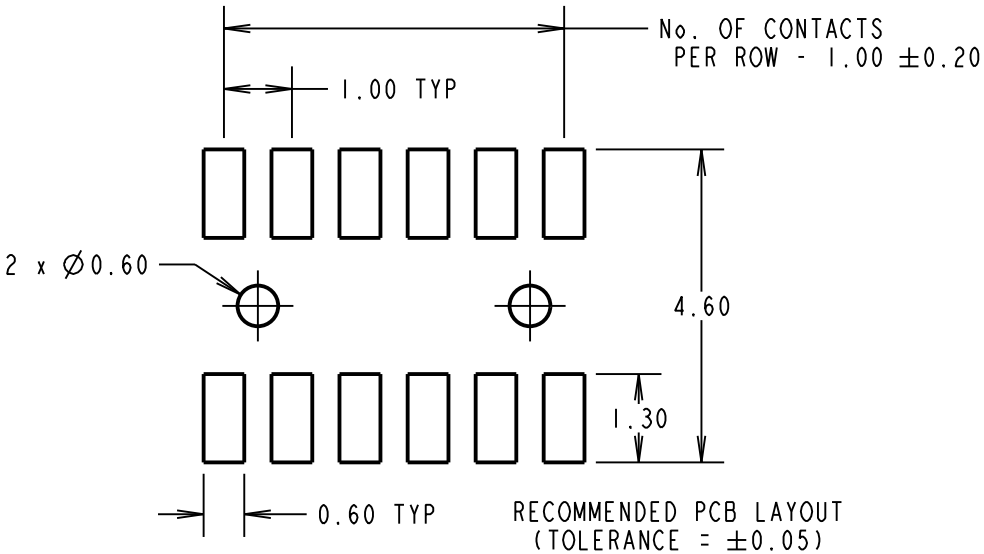
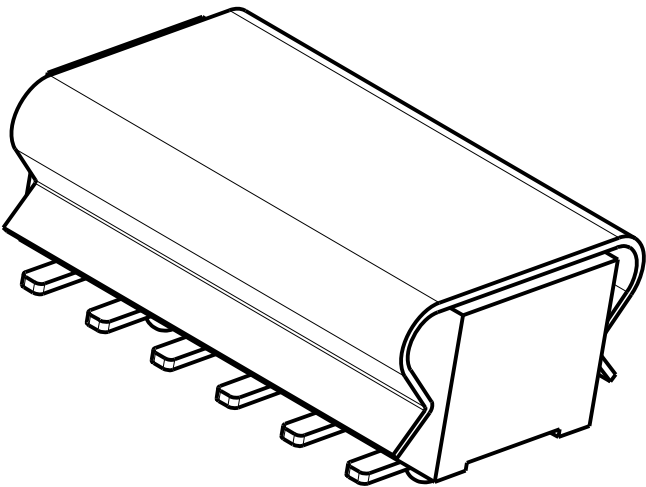
ENVIRONMENTAL:
OPERATING TEMPERATURE = -40°C TO +105°C

FOR COMPLETE MECHANICAL/ELECTRICAL SPECIFICATION, SEE COMPONENT SPECIFICATION C026XX (LATEST ISSUE)

NOTES:

1. FOR REELING DETAILS, SEE SHEET 4.

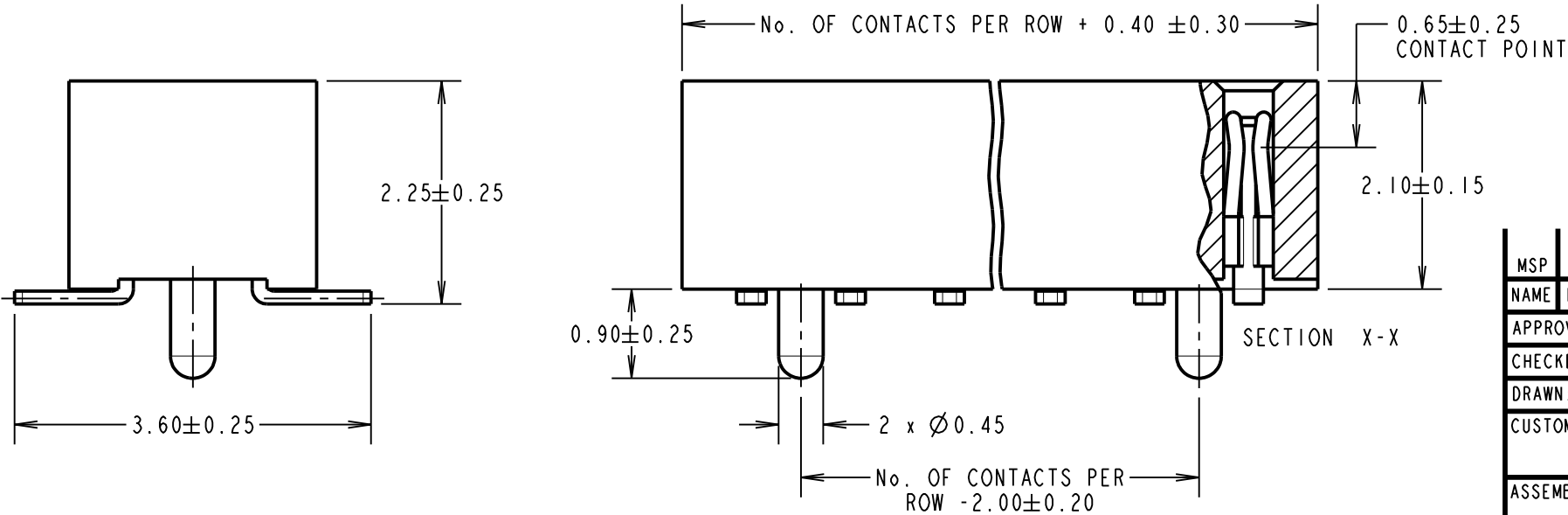
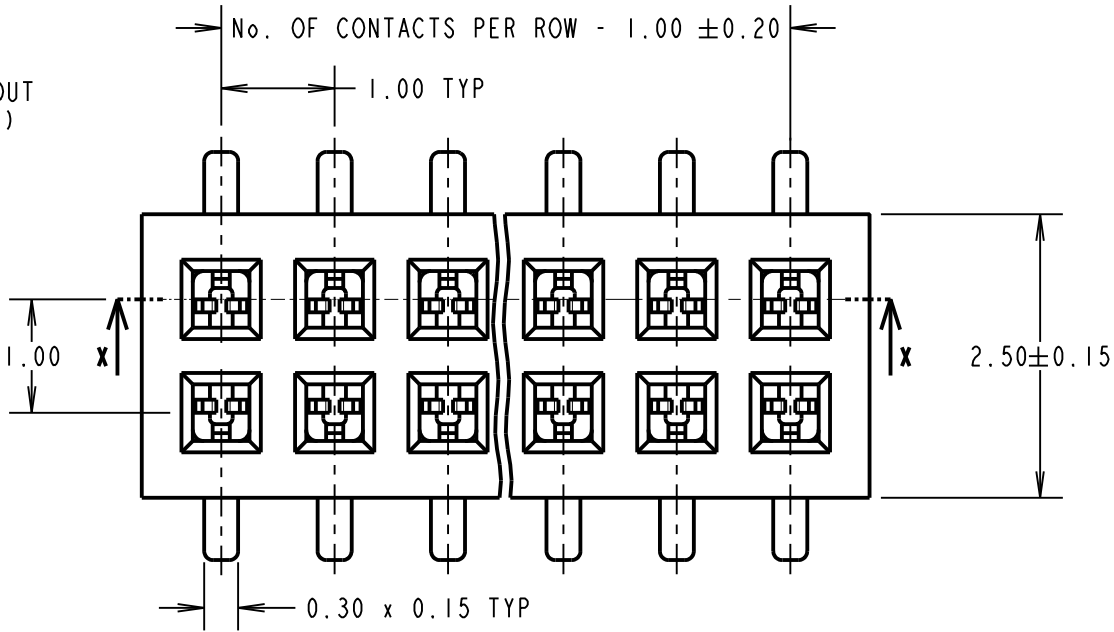
2. CAP REMOVED FROM MAIN VIEWS FOR CLARITY, PART COMES FITTED WITH CAP. SEE SHEET 4 FOR CAP DETAILS.



ORDER CODE:

M40-310XX45R

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



MSP	6	14.08.17	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

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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: 1mm PITCH DIL SMT
SKT ASSEMBLY (T & R)
WITH P & P CAP

DRAWING NUMBER:
M40-310XX45R

SHT
3 OF 4

Customer Information Sheet

DRAWING No.: M40-310XX45R

SHEET 4 OF 4

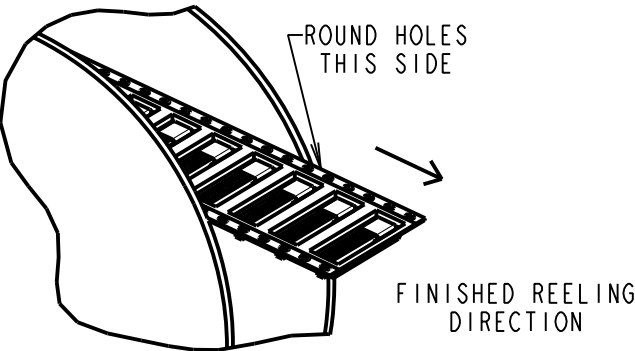
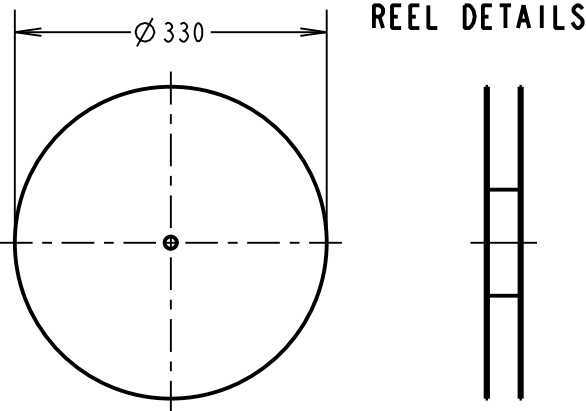
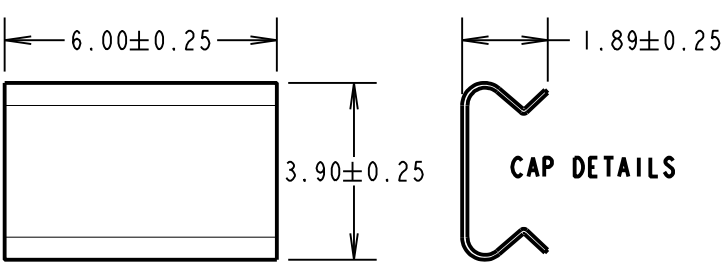
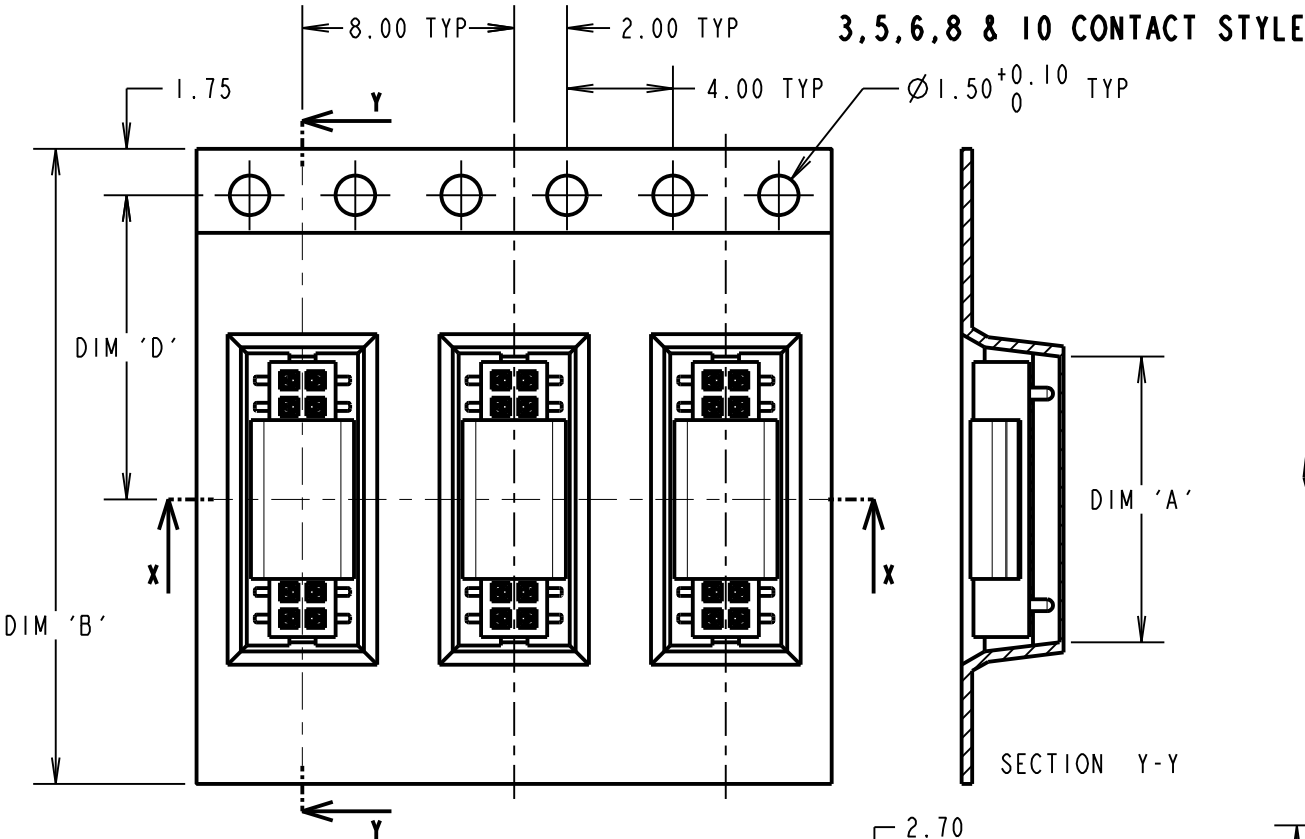
IF IN DOUBT - ASK

(C)

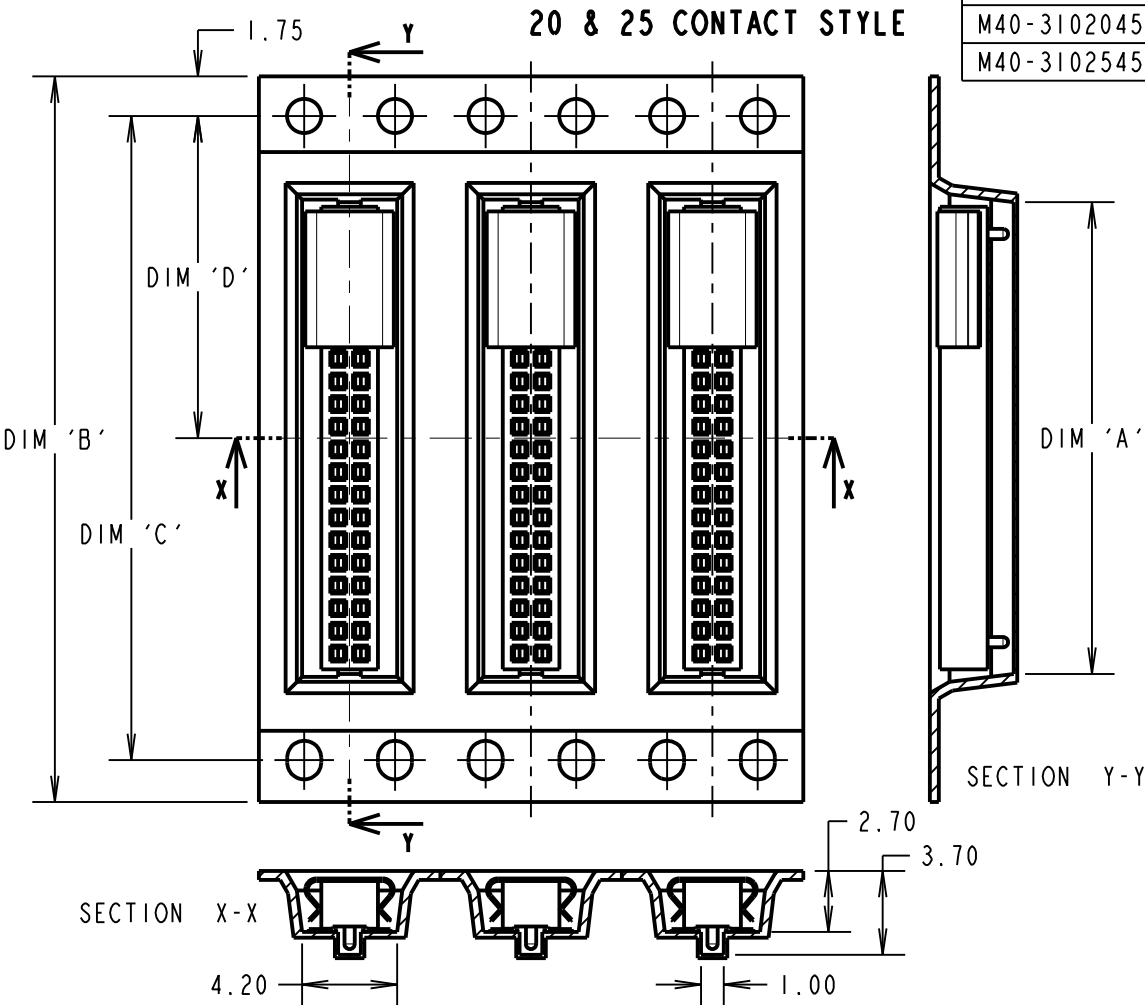
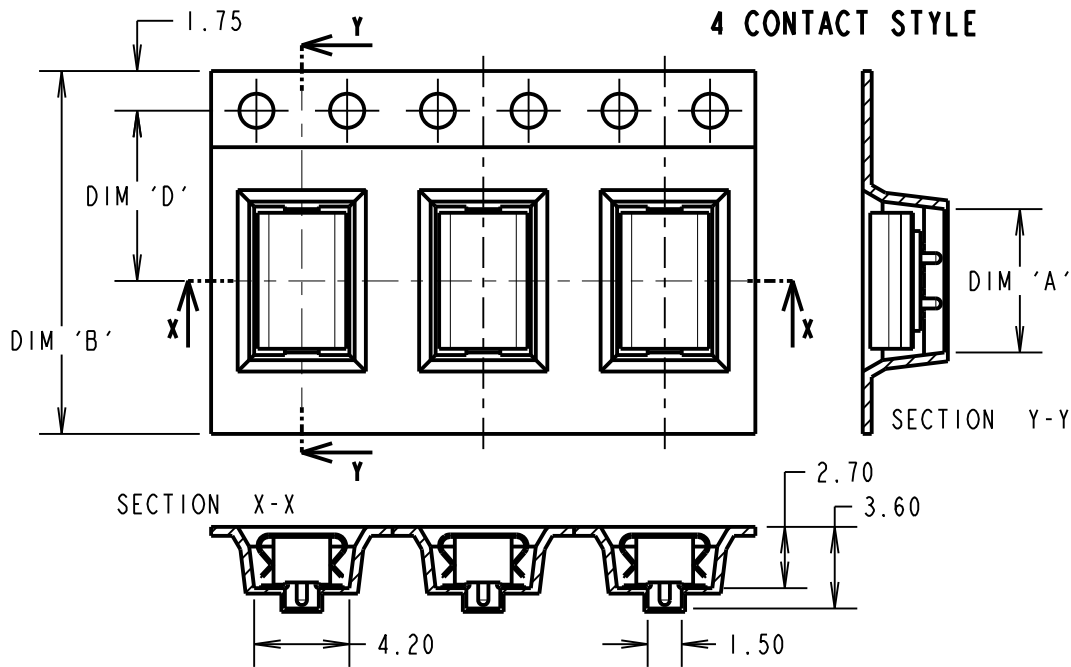
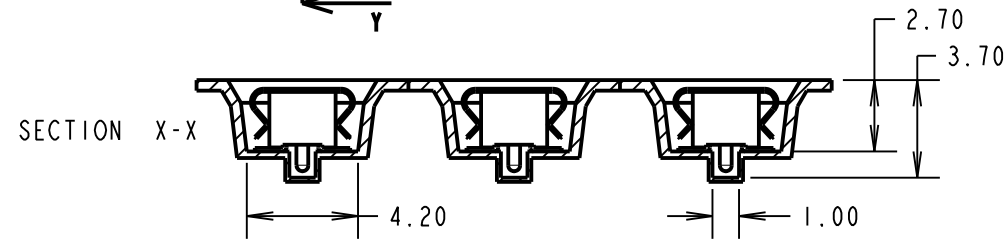
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
M40-3100345R	6.30	16.00 ± 0.30		7.50 ± 0.15
M40-3100445R	6.30			
M40-3100545R	6.30			
M40-3100645R	6.90	24.00 ± 0.30		11.50 ± 0.15
M40-3100845R	8.80			
M40-3101045R	10.80	32.00 ± 0.30	28.40	14.20 ± 0.15
M40-3102045R	20.80			
M40-3102545R	25.80			



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- NOTES:
- FOR CONNECTOR DIMENSIONS, SEE SHEET 3.
 - TAPE & REEL IS IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
 - PICK & PLACE CAP IS THE SAME FOR ALL SIZES.
 - QUANTITY PER REEL FOR ALL SIZES = 2000.
 - TAPE THICKNESS = 0.40mm.

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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 SHEET 3

FINISH: SEE SHEET 3

S/AREA:

mm²

TITLE:

1mm PITCH DIL SMT
SKT ASSEMBLY (T & R)
WITH P & P CAP

DRAWING NUMBER:

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SHT

4 OF 4

MSP	6	14.08.17	20547
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M40-3100345R](#) [M40-3100445R](#) [M40-3100545R](#) [M40-3100645R](#) [M40-3100845R](#) [M40-3101045R](#) [M40-3102045R](#)
[M40-3102545R](#)