

Customer Information Sheet

DRAWING No.: M20-781XX45X

SHEET 3 OF 4

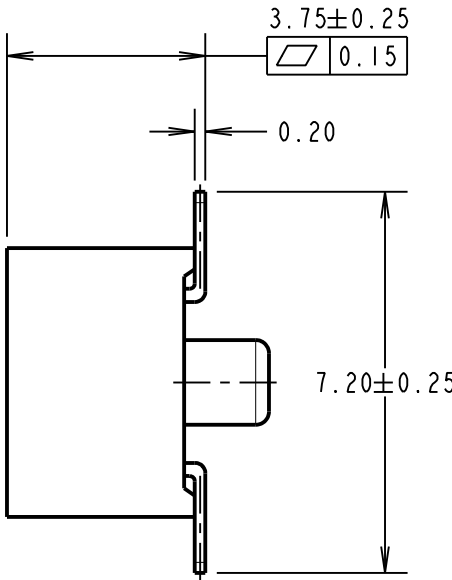
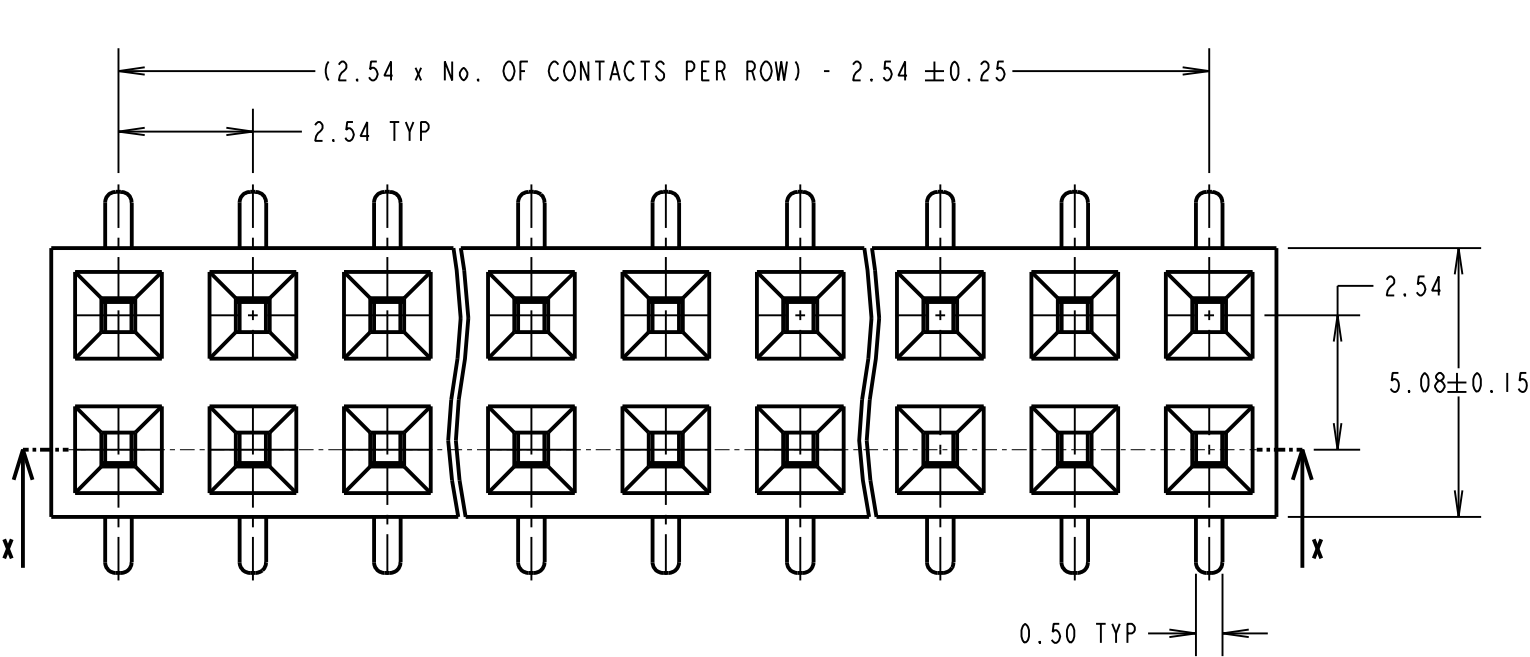
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

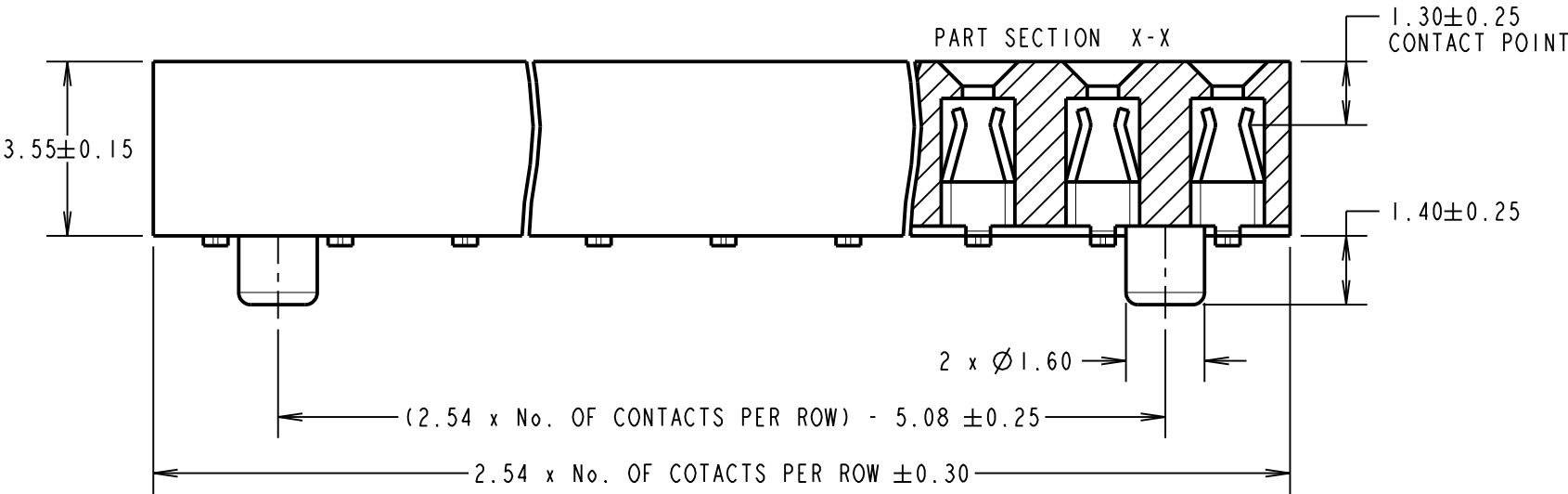
MATERIAL:
MOULD = GLASS FILLED PA9T, UL94V-0
CONTACTS = PHOSPHOR BRONZE
FINISH:
0.015µ MIN GOLD OVER 0.76-2.03µ NICKEL
ELECTRICAL:
CURRENT RATING = 3A
CONTACT RESISTANCE = 20mΩ MAX
INSULATION RESISTANCE = 1000MΩ MIN
VOLTAGE PROOF = 1000V AC FOR ONE MINUTE
MECHANICAL:
INSERTION FORCE = 1.96N MAX PER CONTACT
WITHDRAWAL FORCE = 0.29N MIN PER CONTACT
DURABILITY = 300 CYCLES MIN
ENVIRONMENTAL:
OPERATING TEMPERATURE = -40°C TO +105°C

ORDER CODE:

M20-781XX45X

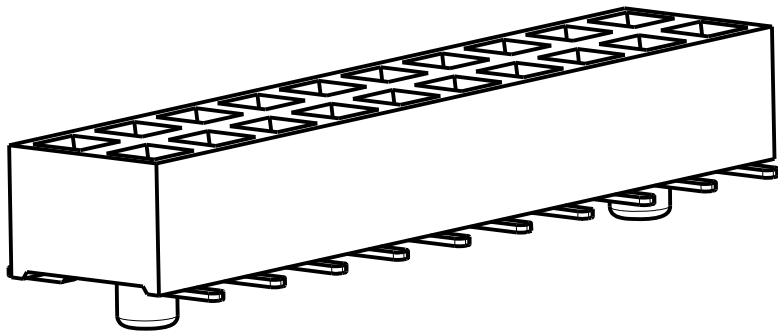
No. OF CONTACTS PER ROW: 02-10, 12, 15 & 20

PACKING: BLANK = TUBE
R = TAPE AND REEL (SHEET 4)

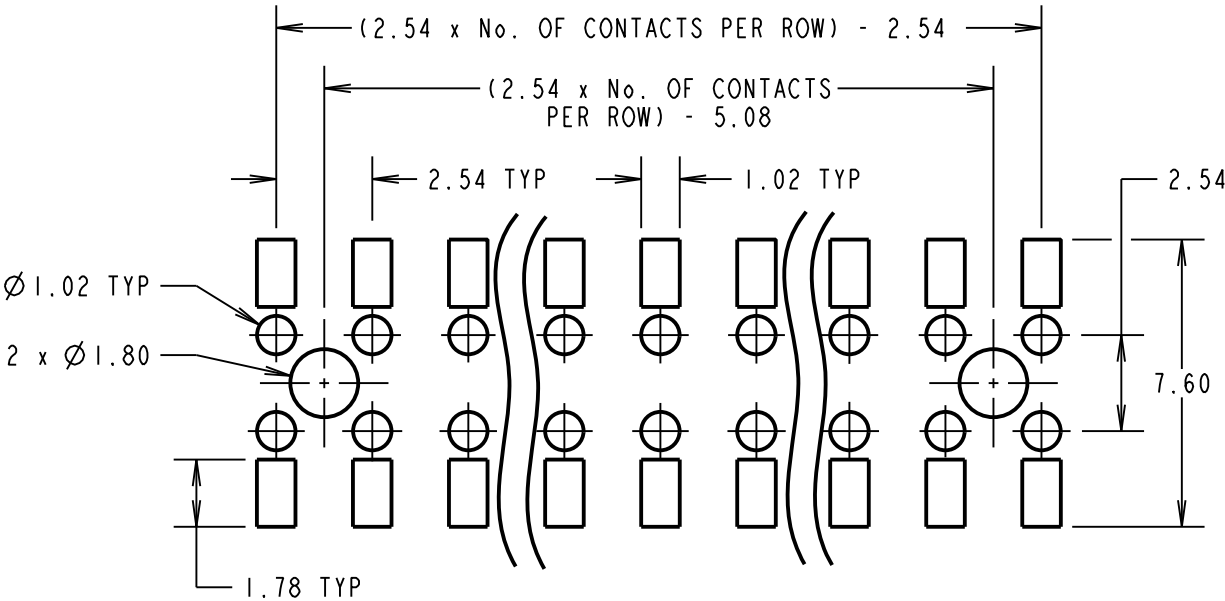


NOTES:

- CONTACT LEG VARIATION ON COMPLETE ASSEMBLY NOT TO EXCEED 0.10mm.
- FOR TAPE AND REEL DETAILS, SEE SHEET 4.



RECOMMENDED PCB LAYOUT (TOLERANCE = ±0.05)



MSP	I	06.05.16	----
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: M.PERREN			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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technical@harwin.com

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TOLERANCES

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

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

2.54mm PITCH DIL LOW PROFILE
SMT SOCKET WITH PEGS

DRAWING NUMBER:

M20-781XX45X

SHT
3
OF
4

Customer Information Sheet

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SHEET 4 OF 4

IF IN DOUBT - ASK

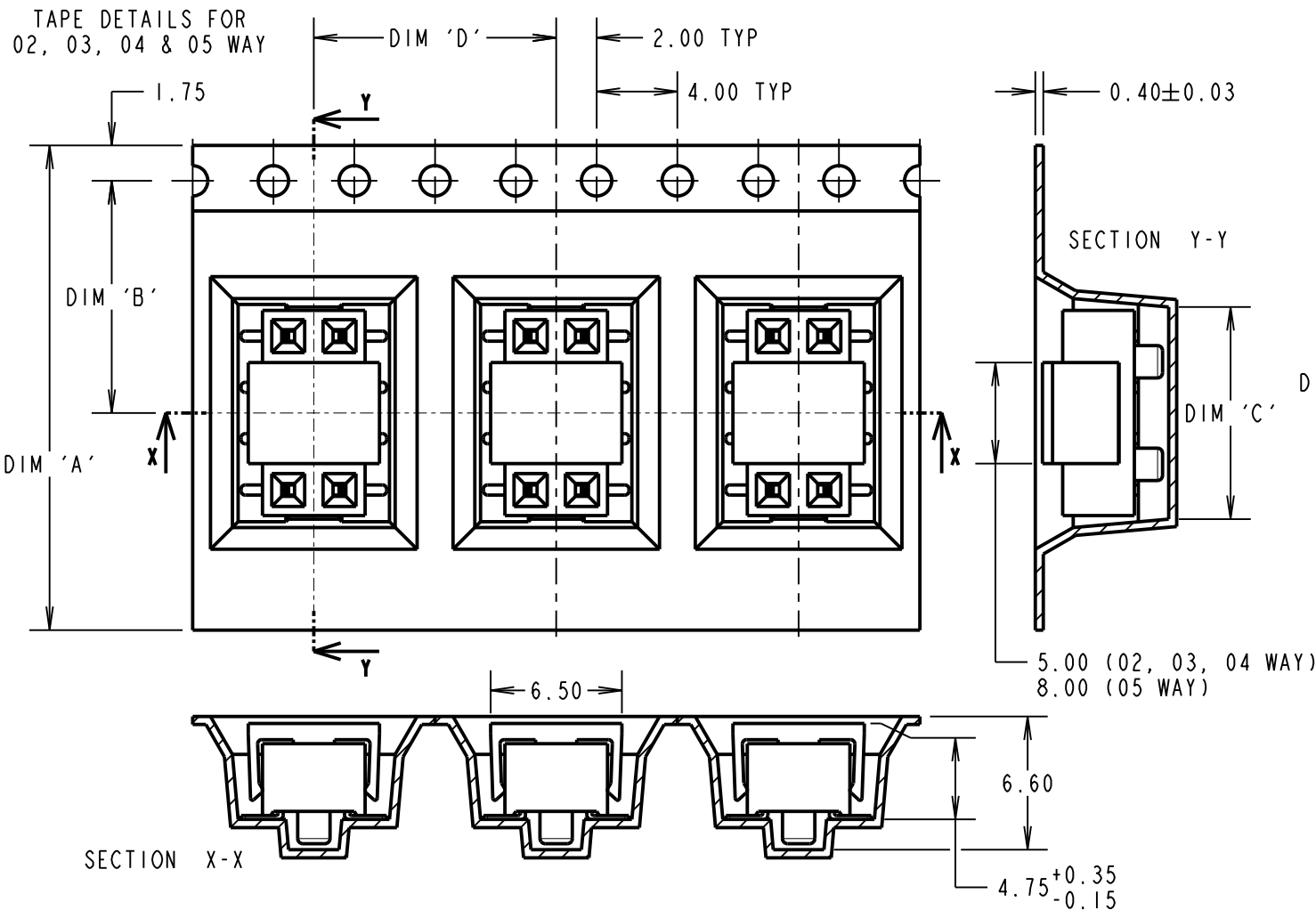
©

NOT TO SCALE

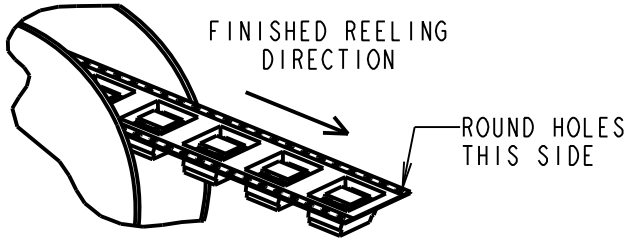
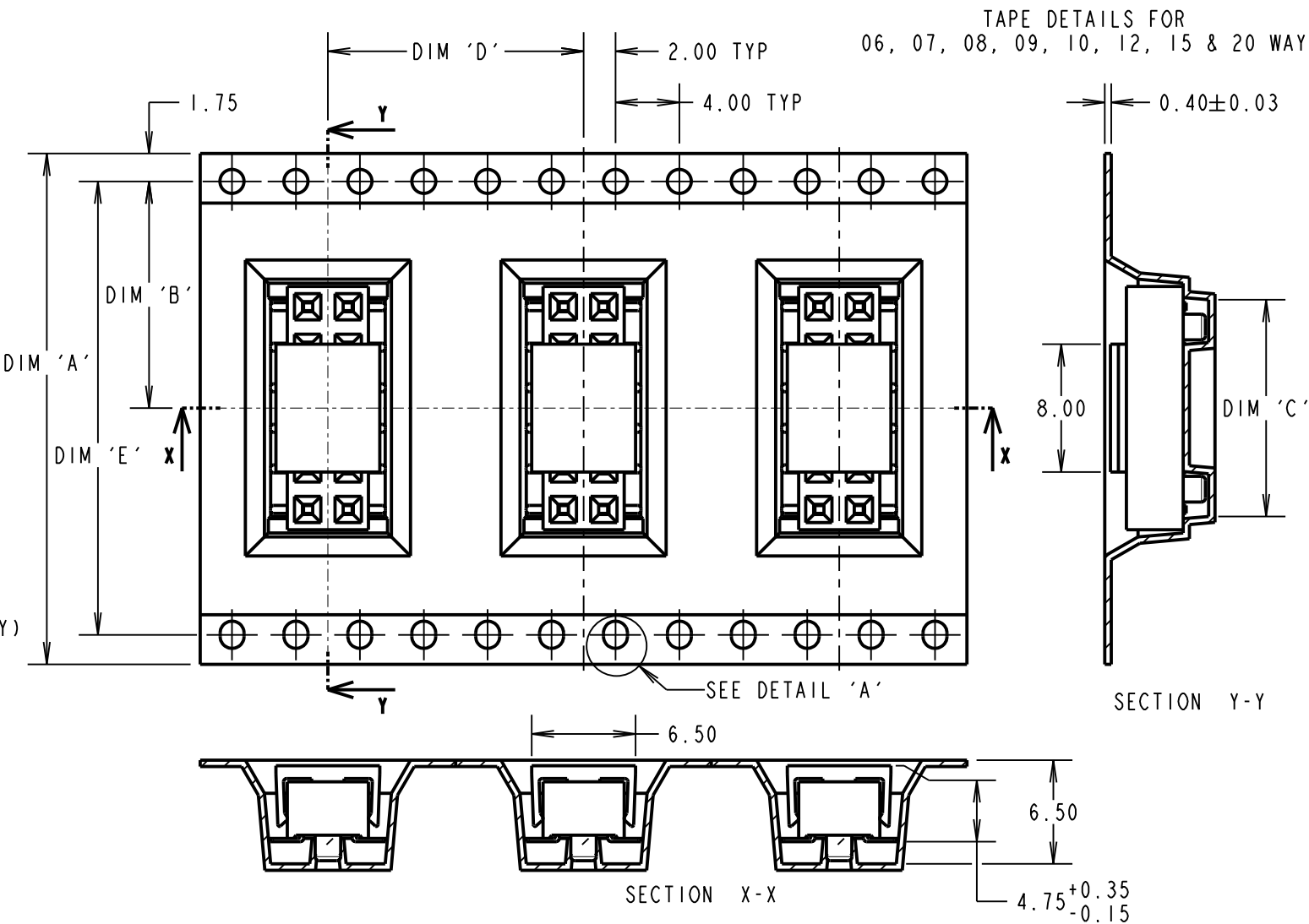
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

TAPE DETAILS FOR
02, 03, 04 & 05 WAY



TAPE DETAILS FOR
06, 07, 08, 09, 10, 12, 15 & 20 WAY



ORDER CODE:
M20-781XX45X

No. OF CONTACTS PER ROW: _____
02-10, 12, 15 & 20

PACKING: _____
BLANK = TUBE (SHEET 3)
R = TAPE AND REEL

- NOTES:
1. PRODUCT IS TAPE AND REELED IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRICAL INDUSTRIES ASSOCIATION).
 2. CONTACT LEG VARIATION ON COMPLETE ASSEMBLY NOT TO EXCEED 0.10mm.
 3. FOR CONNECTOR DETAILS AND SPECIFICATIONS, SEE SHEET 3.

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

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

2.54mm PITCH DIL LOW PROFILE
SMT SOCKET WITH PEGS

DRAWING NUMBER:

M20-781XX45X

SHT
4 OF 4

MSP I 06.05.16 -----
NAME ISS. DATE C/NOTE
APPROVED: M.PERREN
CHECKED: S.BENNETT
DRAWN: M.PERREN
CUSTOMER REF.:
ASSEMBLY DRG:

Mouser Electronics

Authorized Distributor

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

Harwin:

[M20-7810245](#) [M20-7810245R](#) [M20-7810345](#) [M20-7810345R](#) [M20-7810445](#) [M20-7810445R](#) [M20-7811245](#) [M20-7811245R](#) [M20-7811545](#) [M20-7811545R](#) [M20-7812045](#) [M20-7812045R](#) [M20-7810845](#) [M20-7810845R](#) [M20-7810945](#) [M20-7810945R](#) [M20-7811045](#) [M20-7811045R](#) [M20-7810545](#) [M20-7810545R](#) [M20-7810645](#) [M20-7810645R](#) [M20-7810745](#) [M20-7810745R](#)