

Customer Information Sheet

DRAWING No.: M20-781XX45X

SHEET 3 OF 4

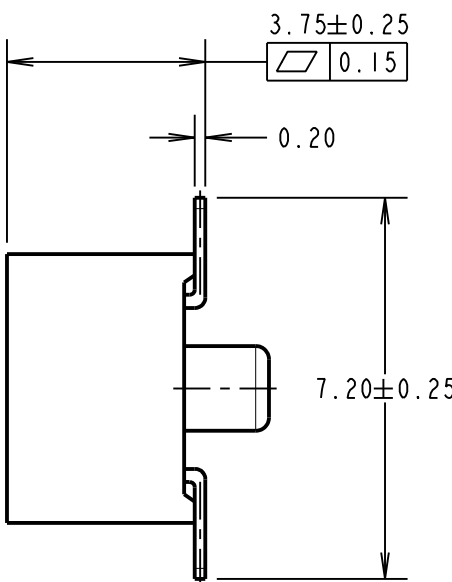
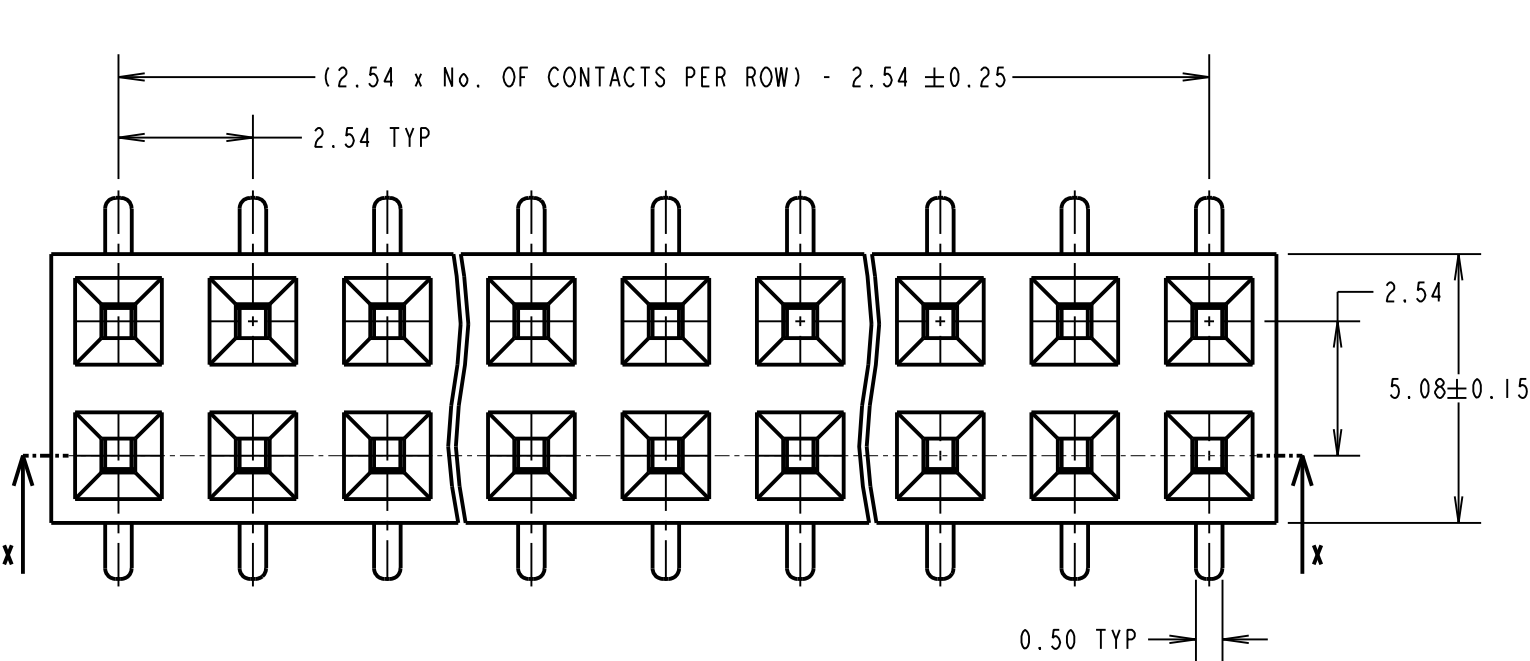
IF IN DOUBT - ASK

©

NOT TO SCALE

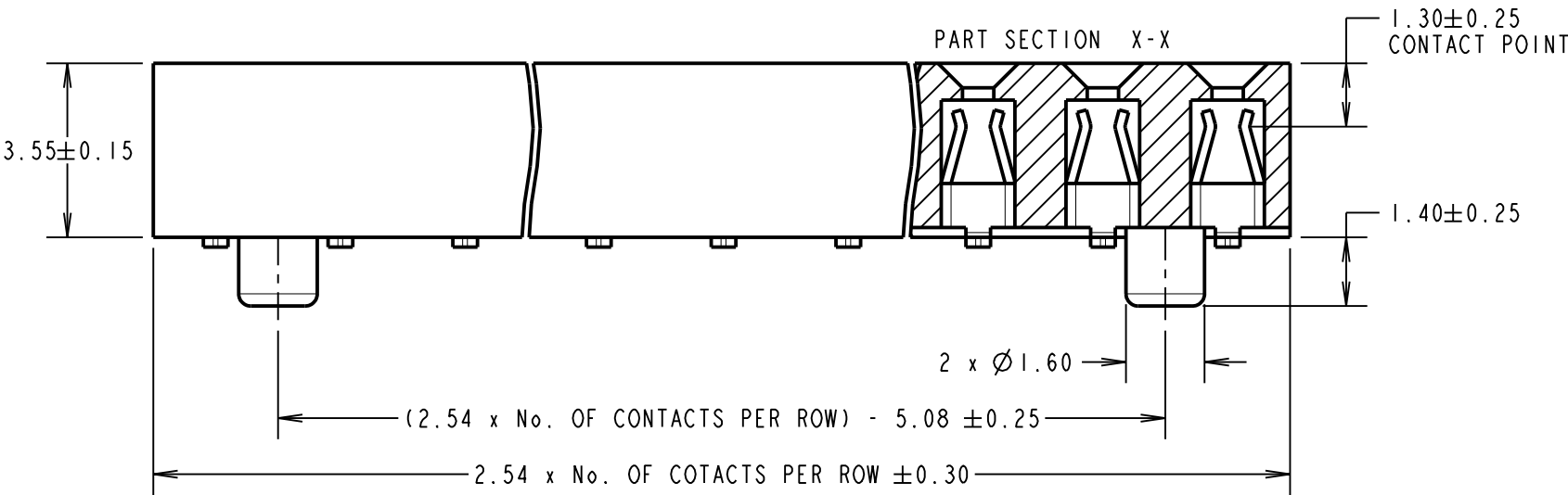
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

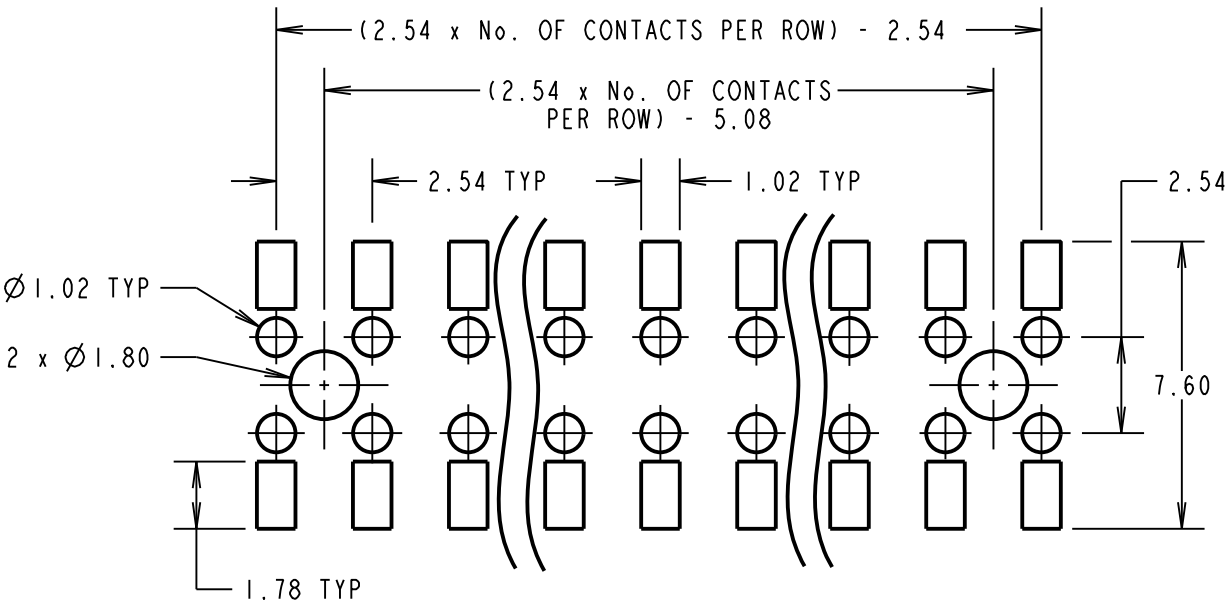


SPECIFICATIONS:
MATERIAL:
MOULD = GLASS FILLED PA9T, UL94V-0
CONTACTS = PHOSPHOR BRONZE
FINISH:
0.015µ MIN GOLD OVER 0.76-2.03µ NICKEL
ELECTRICAL:
CURRENT RATING = 3A
CONTACT RESISTANCE = 20mΩ MAX
INSULATION RESISTANCE = 1000MΩ MIN
VOLTAGE PROOF = 1000V AC FOR ONE MINUTE
MECHANICAL:
INSERTION FORCE =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

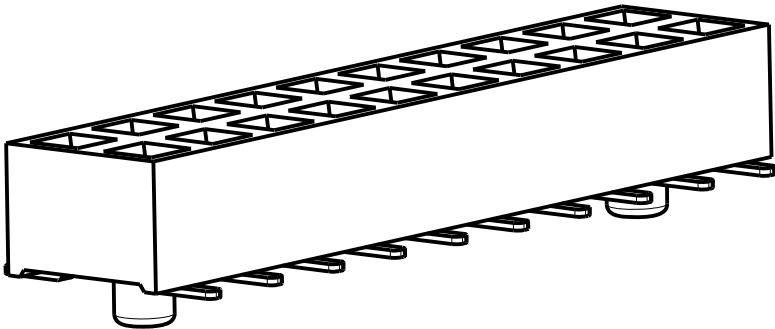
ORDER CODE:
M20-781XX45X
No. OF CONTACTS PER ROW: _____
02-10, 12, 15 & 20
PACKING: _____
BLANK = TUBE
R = TAPE AND REEL (SHEET 4)



RECOMMENDED PCB LAYOUT
(TOLERANCE = ±0.05)



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



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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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

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SHEET 4 OF 4

IF IN DOUBT - ASK

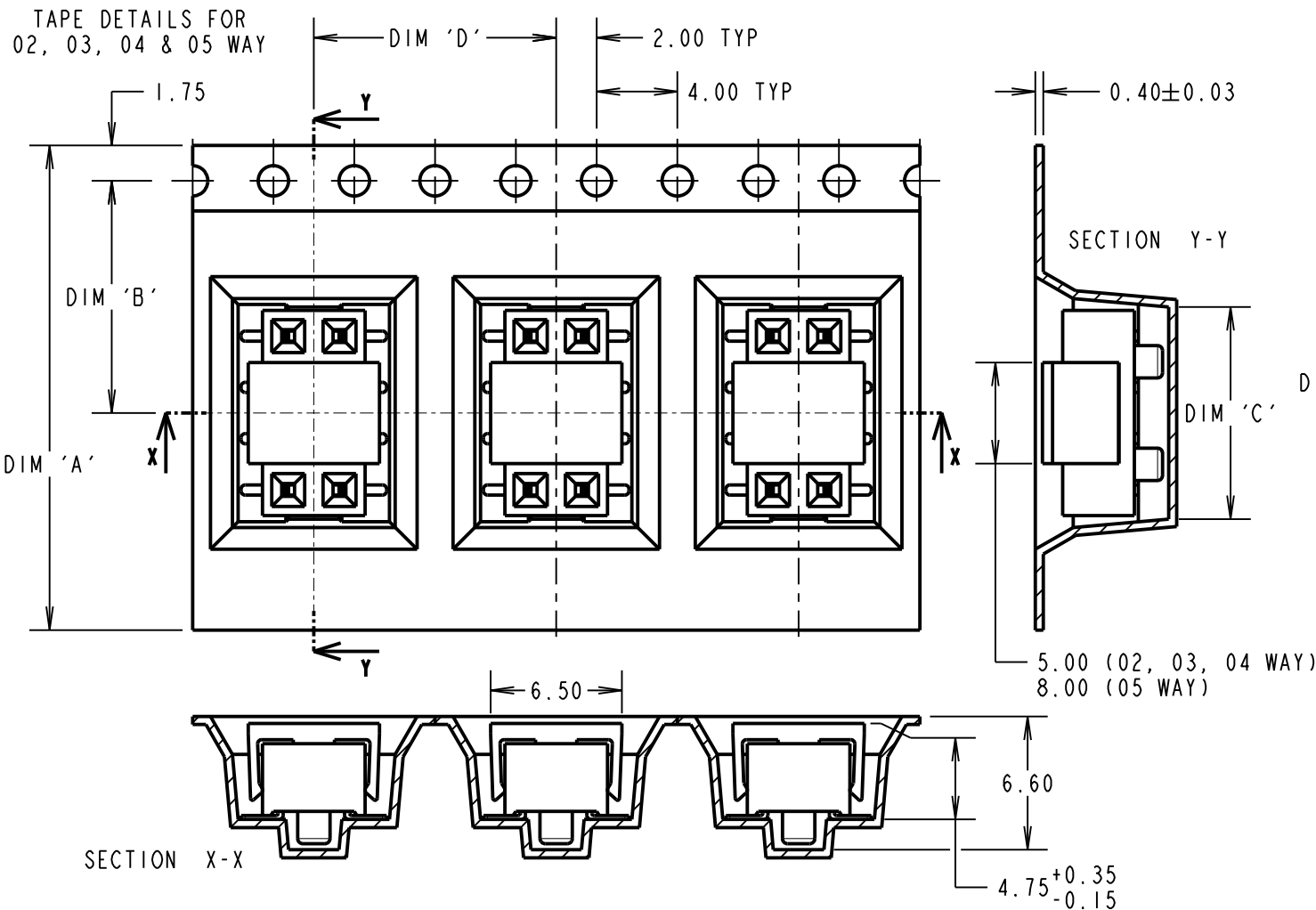
(C)

NOT TO SCALE

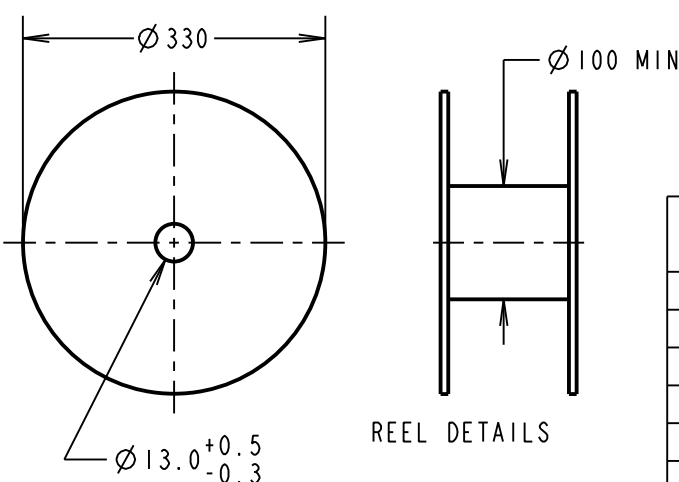
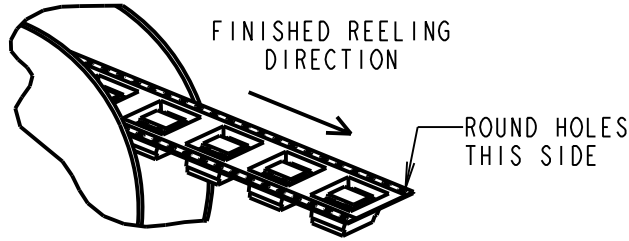
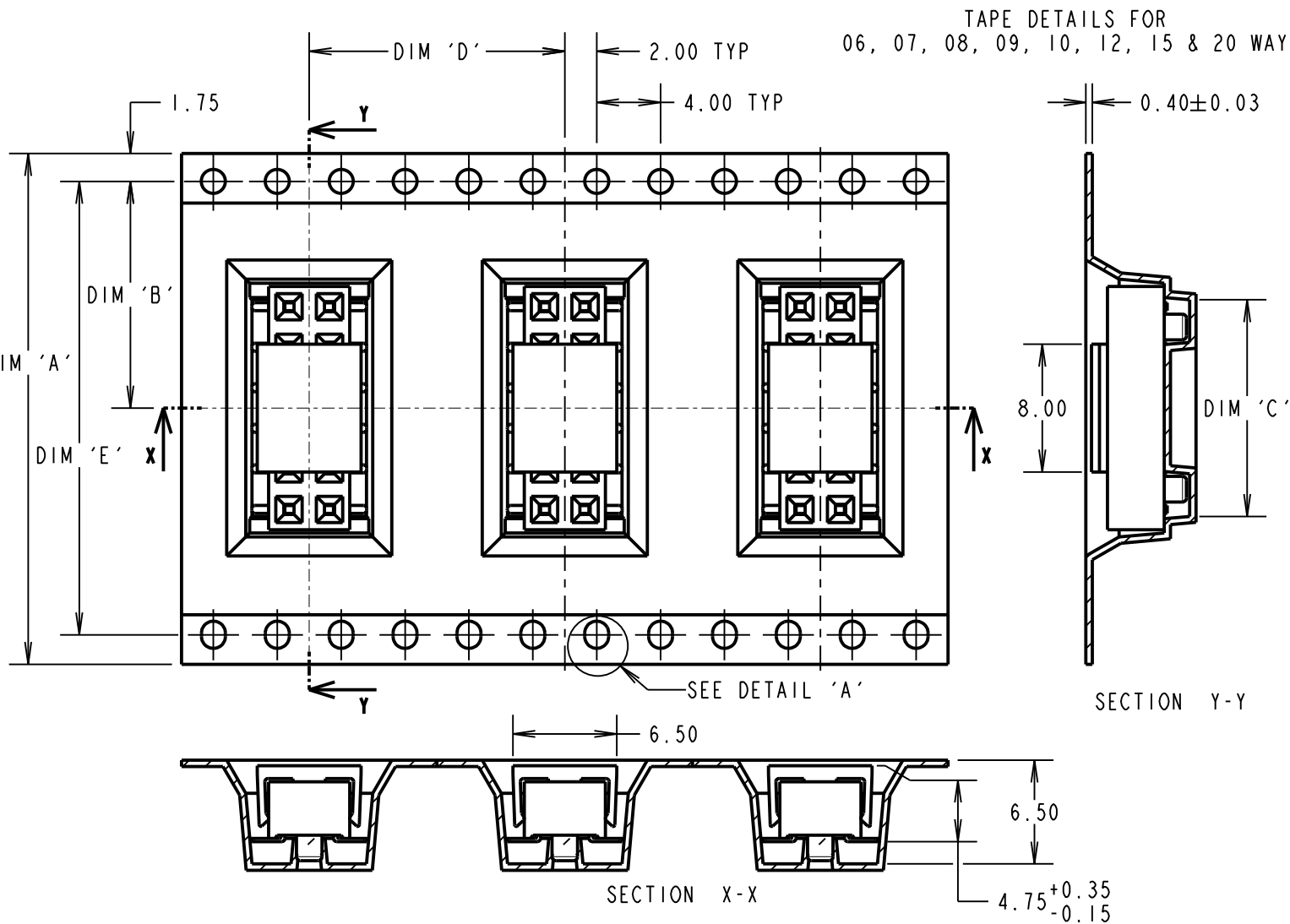
THIRD ANGLE PROJECTION

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

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PART No.	DIMENSION					REEL QUANTITY
	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	
M20-7810245R	16.00±0.30	7.50±0.15	5.40	12.00	N/A	800
M20-7810345R	24.00±0.30	11.50	8.00			
M20-7810445R			10.50			
M20-7810545R			13.00			
M20-7810645R	32.00±0.30	14.20±0.15	15.65	16.00	28.50	600
M20-7810745R			18.08			
M20-7810845R	44.00±0.30	20.20±0.15	20.60	12.00	40.40	
M20-7810945R			23.35	16.00		
M20-7811045R			25.80			
M20-7811245R	56.00±0.30	26.20±0.15	30.90	12.00	52.40	
M20-7811545R			38.50			
M20-7812045R	72.00±0.30	34.20±0.15	51.20	16.00	68.40	

NOTES:

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

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SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE:
2.54mm PITCH DIL LOW PROFILE
SMT SOCKET WITH PEGS
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SHT 4 OF 4

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