

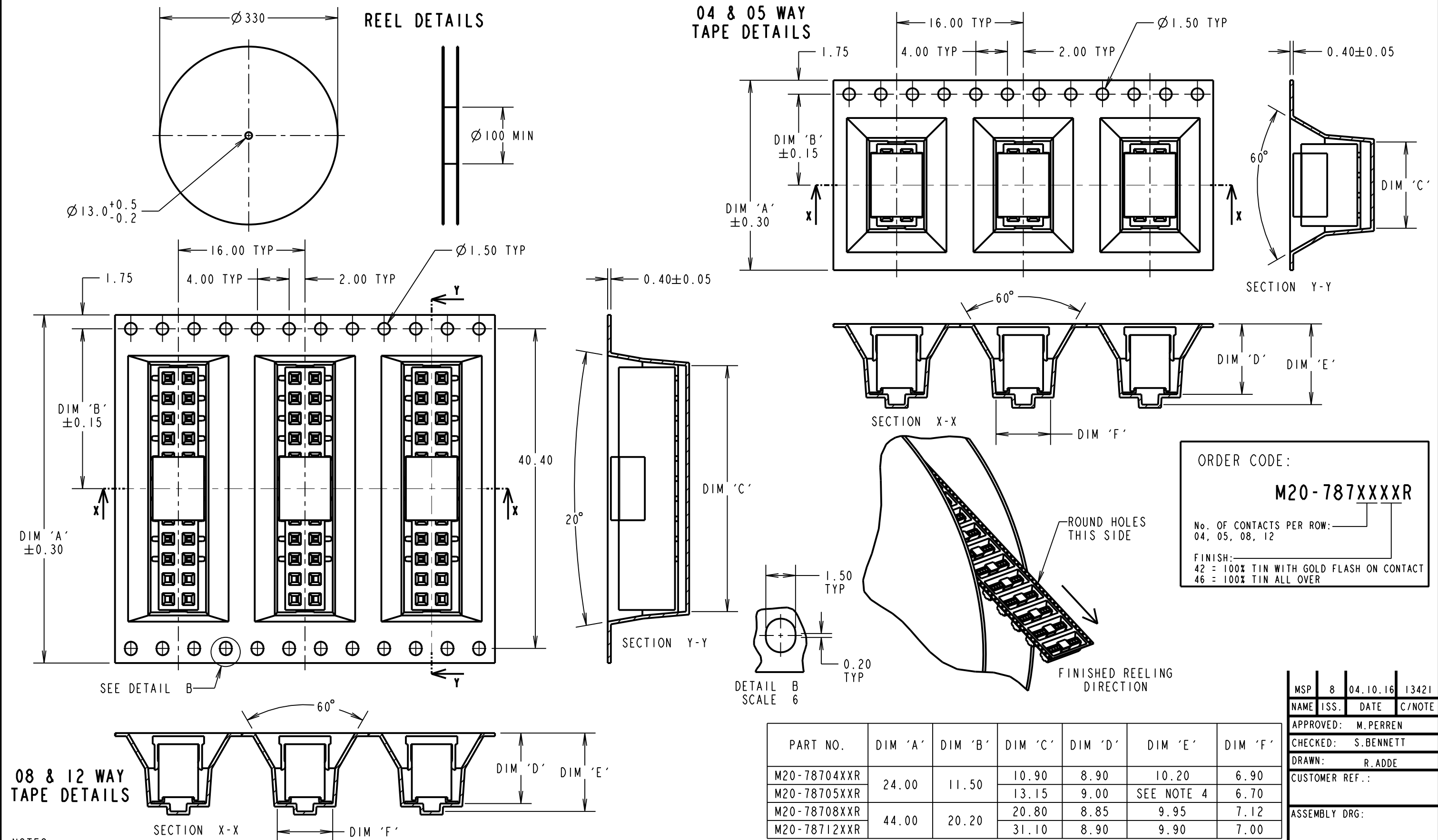
Customer Information Sheet

SHEET 3 OF 4

©

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



NOTES:

1. FOR CONNECTOR DIMENSIONS, SEE SHEET 4.
2. QUANTITY OF COMPONENTS PER REEL = 400.
3. PRODUCT IS TAPE AND REELED IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
4. M20-78705XXR HAS FLAT BOTTOM TAPE POCKET.
5. FOR CONNECTOR DETAILS & SPECIFICATIONS, SEE SHEET 4.

HARWIN

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TOLERANCES

MATERIAL:

FINISH: SEE SHEET 1

TITLE: 2.54mm PITCH DIL
VERTICAL FEMALE SMT SKT ASSY
DUAL ENTRY

DRAWING NUMBER:	SHT
M20-787XXXXR	³ OF

MSP	8	04.10.16	13421
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN:		R.ADDE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

Customer Information Sheet

DRAWING No.: M20-787XXXXR

SHEET 4 OF 4

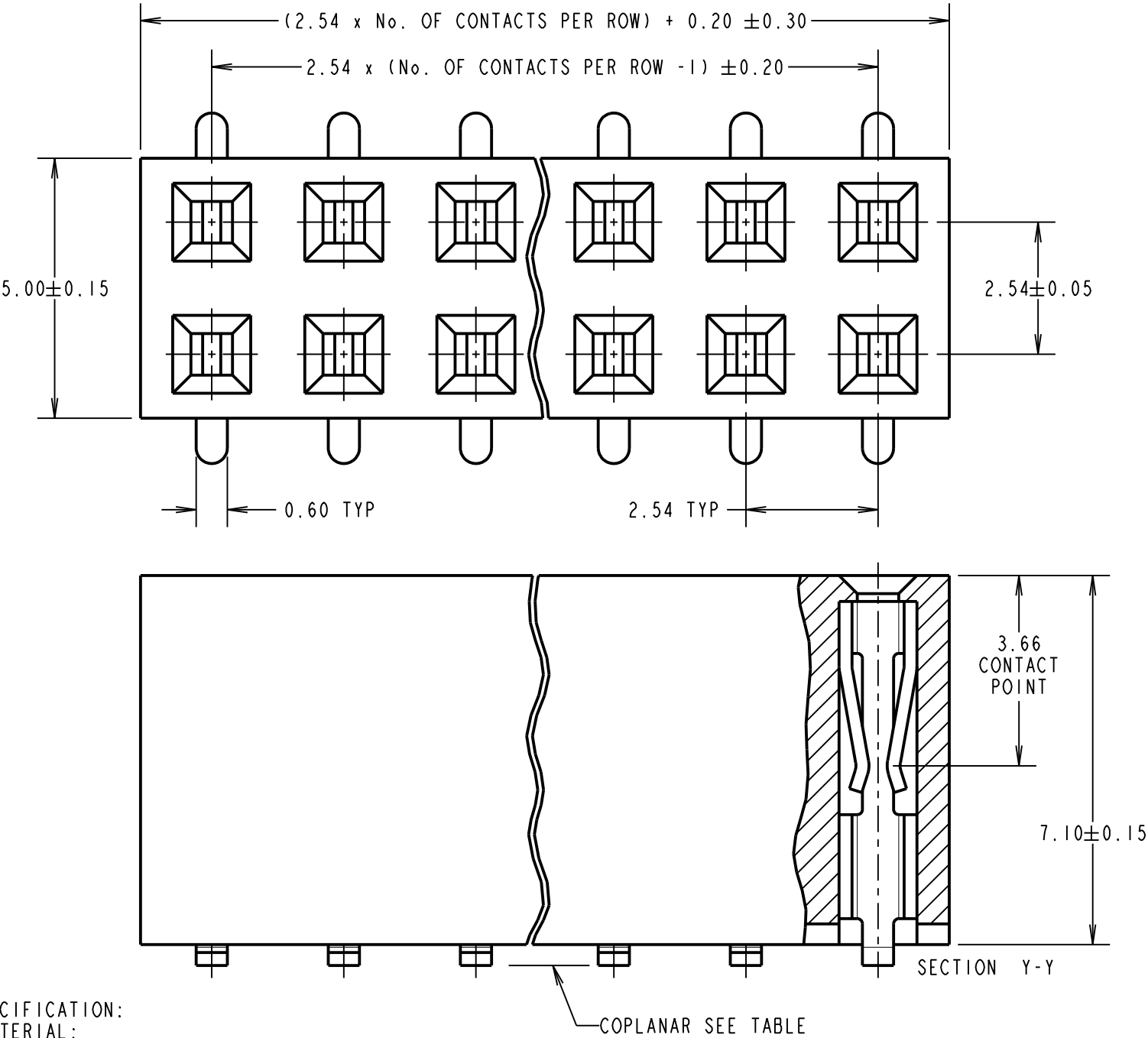
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

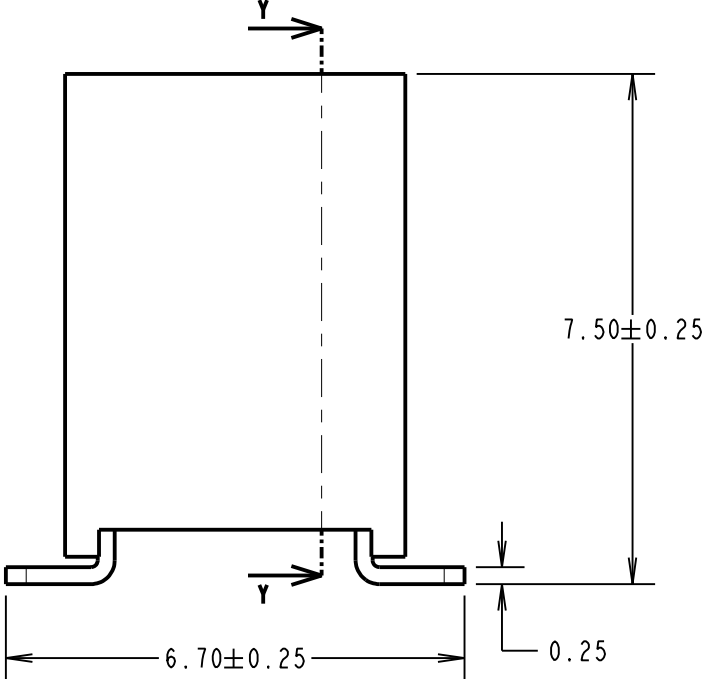


ORDER CODE:
M20-787XXXXR

No. OF CONTACTS PER ROW: _____
04, 05, 08, 12

FINISH: _____
42 = 100% TIN WITH GOLD FLASH ON CONTACT
46 = 100% TIN ALL OVER

No OF CONTACTS	COPLANARITY TOLERANCE
2 x 04	0.12mm MAX
2 x 05	
2 x 08	
2 x 12	0.15mm MAX



SPECIFICATION:
MATERIAL:
MOULDING = NYLON 6T UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE
FINISH (OVER NICKEL):
42 = GOLD ON CONTACT AREA, 100% TIN ON TAILS
46 = 100% TIN ALL OVER
ELECTRICAL:
CURRENT RATING = 3A
DIELECTRIC WITHSTANDING VOLTAGE = 800V AC FOR 1 MINUTE
CONTACT RESISTANCE = $20\text{m}\Omega$ MAX
INSULATION RESISTANCE = $1,000\text{M}\Omega$ MIN
MECHANICAL:
DURABILITY = 300 CYCLES MIN
INSERTION FORCE = 2.0N MAX
WITHDRAWAL FORCE = 0.3N MIN
ENVIROMENTAL:
TEMPERATURE RANGE = -40°C TO +105°C
PACKING:
REEL
FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

- NOTES:
- FOR TAPE AND REEL DETAILS, SEE SHEET 3.
 - CO-PLANARITY: FLATNESS OF SMT TAILS DOES NOT EXCEED VALUES GIVEN IN TABLE.
 - FOR TAPE AND REEL DETAILS, SEE SHEET 3.

MSP	8	04.10.16	13241
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES
X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
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: 2.54mm PITCH DIL VERTICAL SKT ASSY DUAL ENTRY (PICK & PLACE, TAPE & REEL)
DRAWING NUMBER: **M20-787XXXXR**
SHT 4 OF 4

Mouser Electronics

Authorized Distributor

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

Harwin:

[M20-7870442R](#) [M20-7871242R](#)