

Customer Information Sheet

DRAWING No.: M20-787XXXXR

SHEET 3 OF 4

IF IN DOUBT - ASK

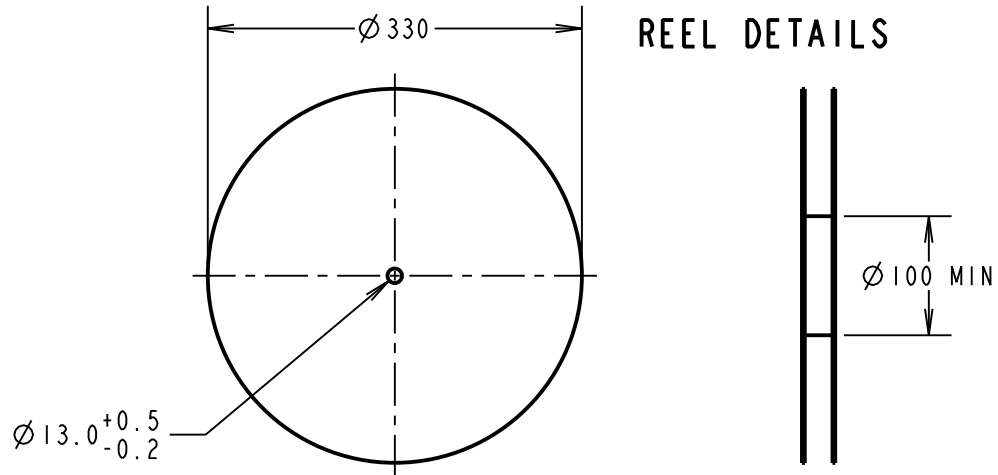
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NOT TO SCALE

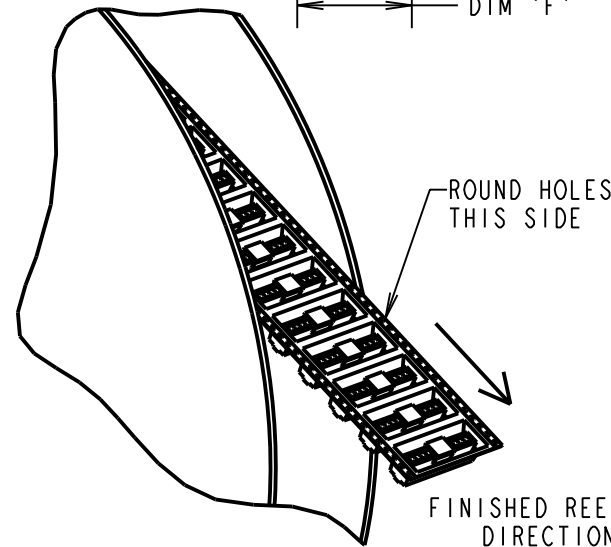
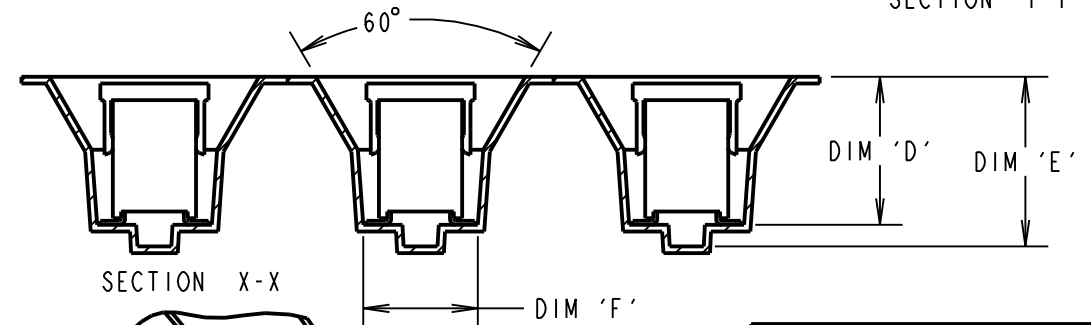
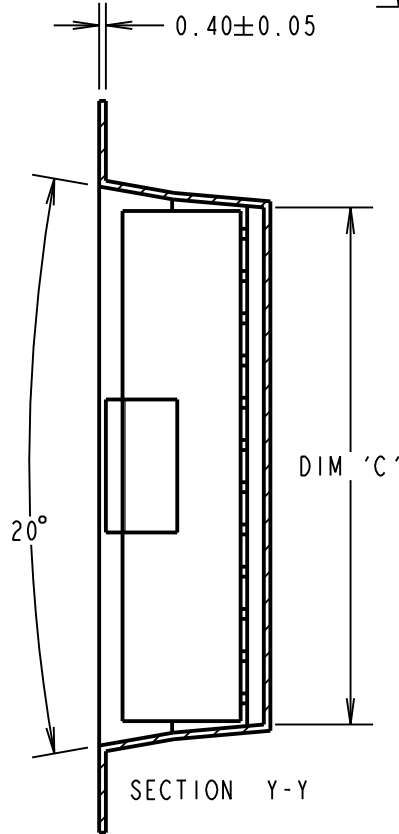
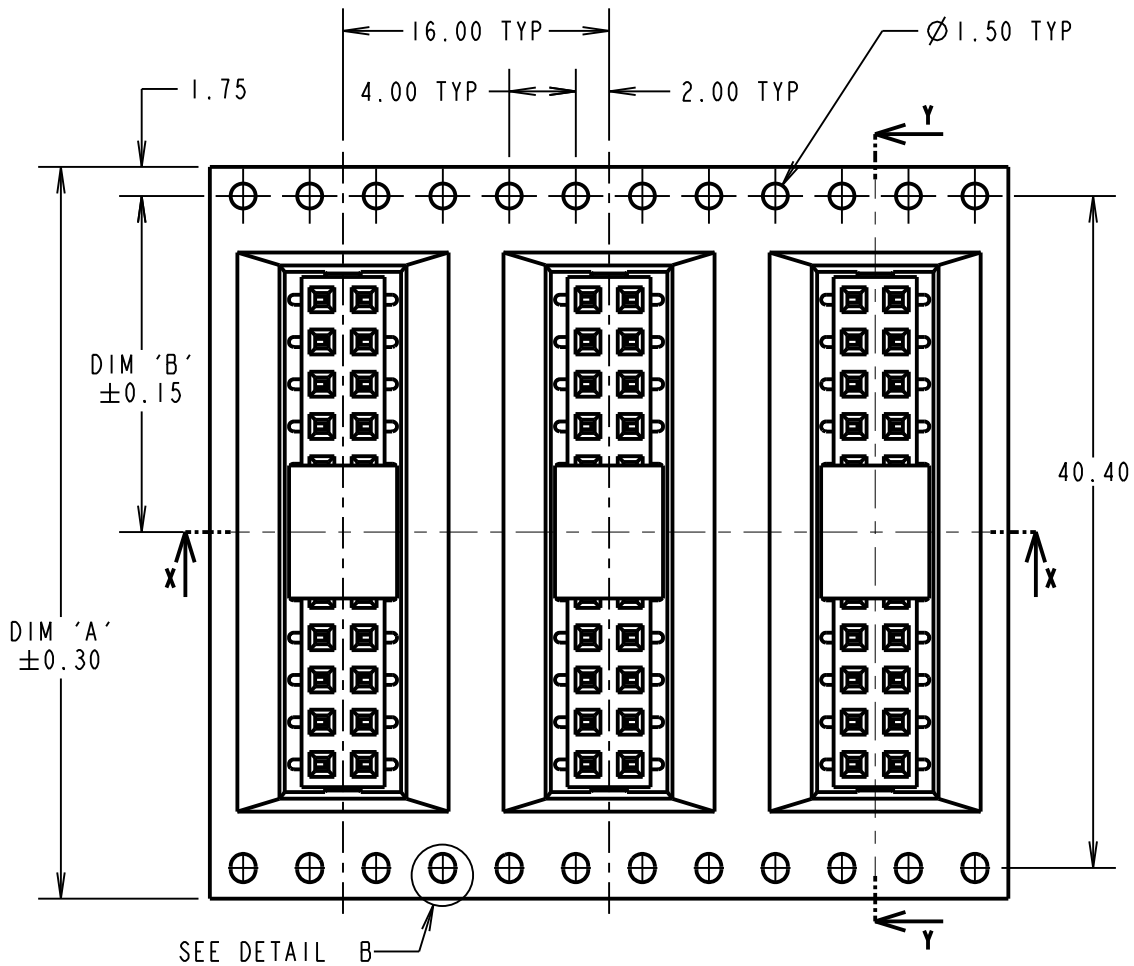
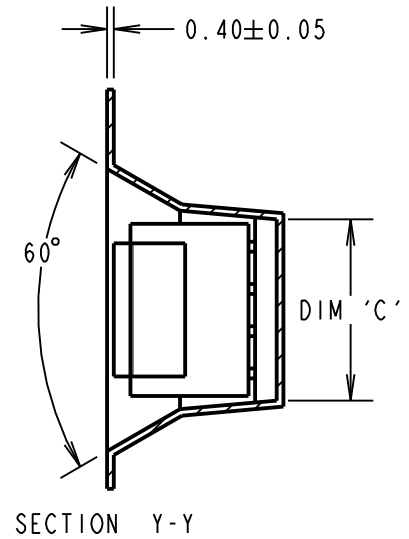
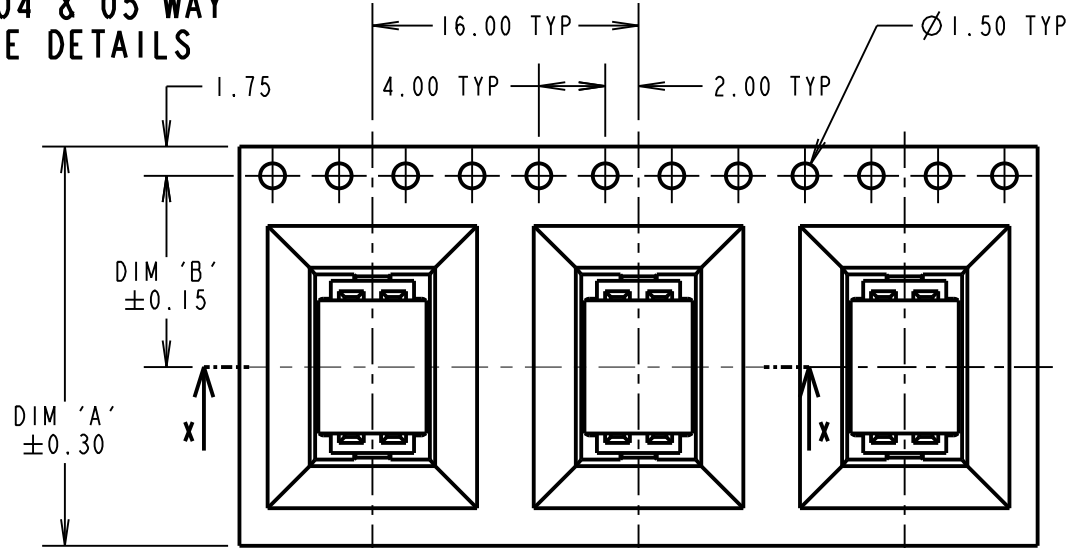
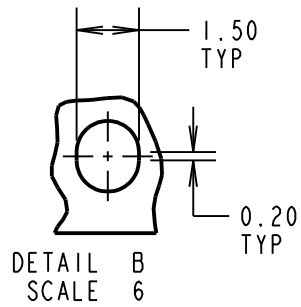
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

REEL DETAILS



02, 04 & 05 WAY TAPE DETAILS

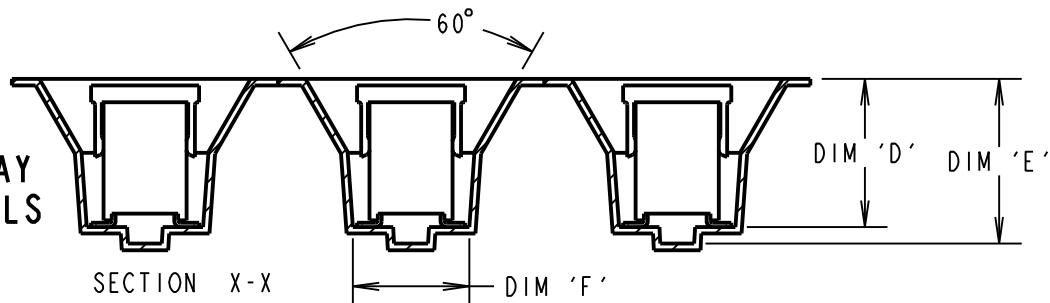


ORDER CODE:
M20-787XXXXR

No. OF CONTACTS PER ROW:
02, 04, 05, 08, 12

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

08 & 12 WAY TAPE DETAILS



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

PART NO.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
M20-78702XXR	16.00	7.50	5.70	9.00	9.80	8.40
M20-78704XXR	24.00	11.50	10.90	8.90	10.20	6.90
M20-78705XXR			13.15	9.00	SEE NOTE 4	6.70
M20-78708XXR	44.00	20.20	20.80	8.85	9.95	7.12
M20-78712XXR			31.10	8.90	9.90	7.00

SB	9	03.11.17	20901
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.PLESTED			
DRAWN: R.ADDE			
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 SHEET 1
FINISH: SEE SHEET 1
S/AREA: mm²

TITLE: 2.54mm PITCH DIL VERTICAL SKT ASSY DUAL ENTRY (PICK & PLACE, TAPE & REEL)
DRAWING NUMBER: **M20-787XXXXR**
SHT 3 OF 4

Customer Information Sheet

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SHEET 4 OF 4

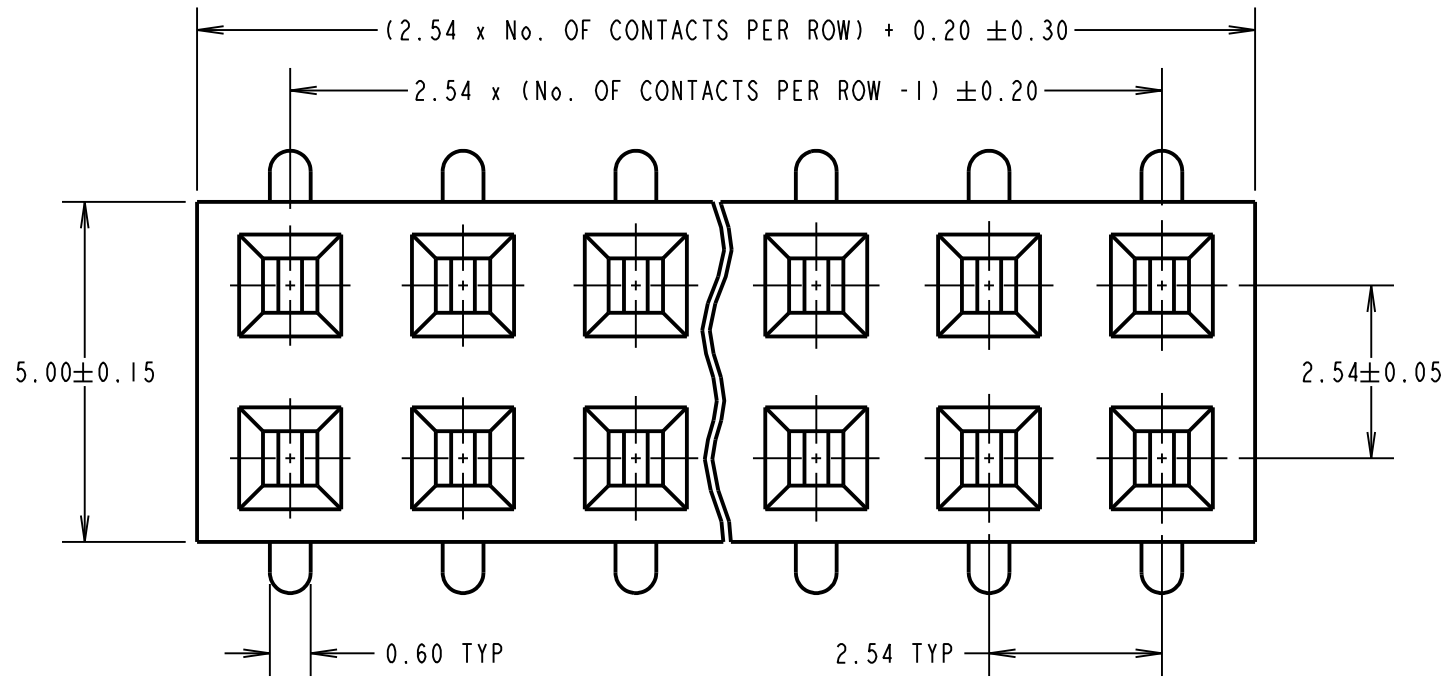
IF IN DOUBT - ASK

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THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

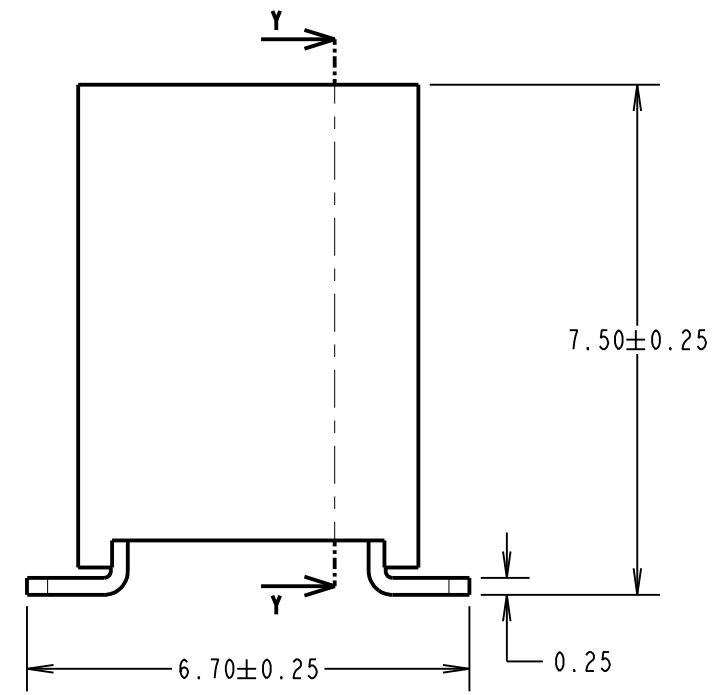
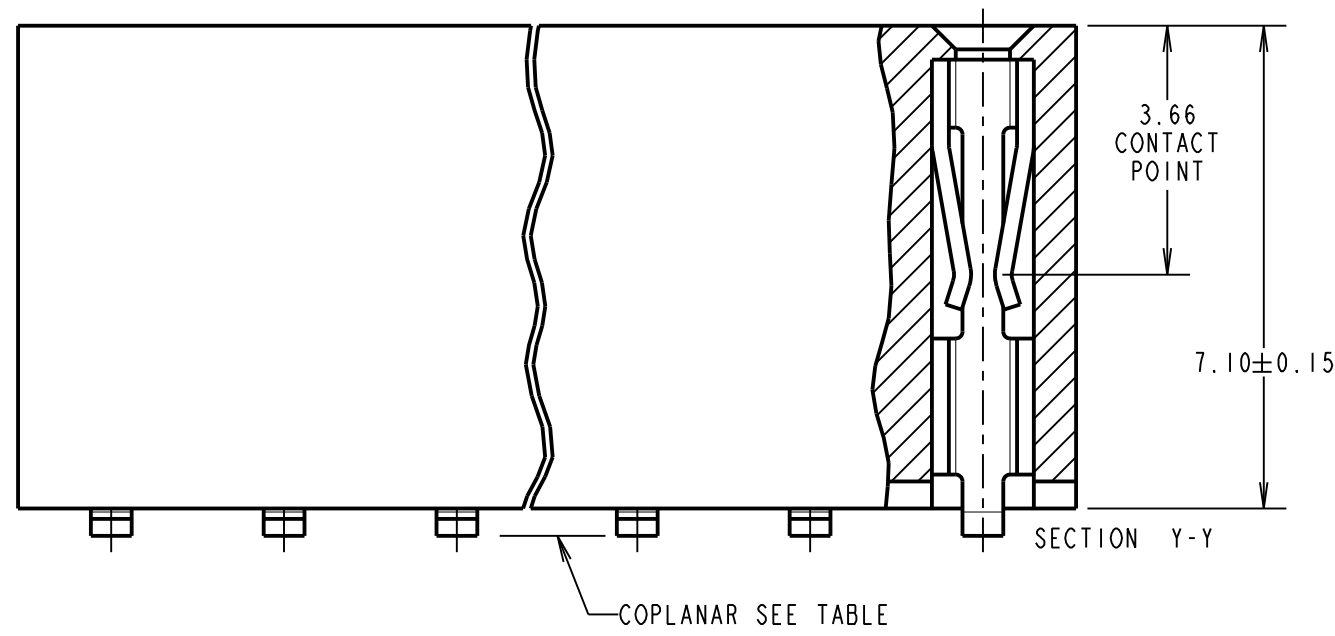


ORDER CODE:
M20-787XXXXR

No. OF CONTACTS PER ROW: _____
02, 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 02 TO 2 x 08	0.12mm MAX
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 = 20mΩ MAX
 INSULATION RESISTANCE = 1,000MΩ MIN
MECHANICAL:
 DURABILITY = 300 CYCLES MIN
 INSERTION FORCE = 2.0N MAX
 WITHDRAWAL FORCE = 0.3N MIN
ENVIRONMENTAL:
 TEMPERATURE RANGE = -40°C TO +105°C
PACKING:
 REEL
 FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION COOIXX (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.

SB	9	03.11.17	20901
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.PLESTED			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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