

REVISION BU

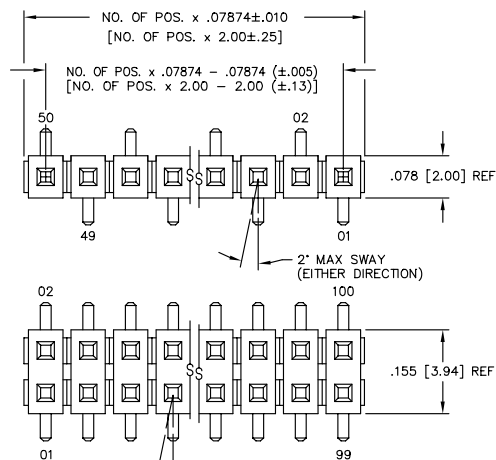
DO NOT SCALE
FROM THIS PRINT

TABLE 1

LEAD STYLE	TERMINAL	MAX "A" ("B" IS .000 [.00] MIN)	"C" OVERALL PIN LENGTH
-02	T-1S13-02-XXX-2	.309 [7.85]	.377 [9.6]
-03	T-1S13-03-XXX-2	.467 [11.86]	.535 [13.6]
-04	T-1S13-06-XXX-2	.487 [12.37]	.555 [14.1]
-06	T-1S13-10-XXX-2	.605 [15.37]	.673 [17.1]
-07	T-1S13-11-XXX-2	.683 [17.35]	.751 [19.1]
-09	T-1S13-13-XXX-2	.388 [9.86]	.456 [11.6]

NOTES:

1. MAX. PIN ROTATION IN BODY: 2°
2. PUSHOUT FORCE SHALL BE 1 lb MIN.
3. REPRESENTS A CRITICAL DIMENSION
4. ALL DIMENSIONS IN BRACKETS [] TO BE MILLIMETERS.
5. HEIGHT VARIATION BETWEEN ANY TWO PINS SHALL BE .010 MAX
6. TUBE POSITIONS -04 THROUGH -36 ONLY; LAYER PACKAGE -02 & -03. TUBE PLUG MUST BE ALIGNED WITH INSULATOR. (SEE DETAIL ON PAGE 2)
7. MOLDED OR STAKED ALIGNMENT PIN AT SAMTEC'S DISCRETION.
8. SPACE OPTION FROM .170 TO .209 REQUIRES AN ADDITIONAL REPRESS.
9. MUST USE CARBIDE BLADES.
10. -M OPTION AVAILABLE ON -D ROW ONLY. -M OPTION AVAILABLE ON POSITIONS 4-36 ONLY. -P OPTION AVAILABLE ON 4-36 POSITION ONLY.



LEAD STYLE	OPTIONS	TUBE	PLUGS
-02, -04, -07, -09	-D, -D-LC, -D-A	PT-1-24-02-47	TP-03
-03	-D, -D-LC, -D-A	PT-1-24-02-47	TP-03
ALL	-S, -S-LC, -S-A	PT-1-24-01-48	TP-24
-02, -09	-D-A-P, -D-LC-P, -D-P, -D-LC-M, -D-A-M, -D-M	PT-1-24-02-44	TP-03
-03, -04	-D-A-P, -D-LC-P, -D-P, -D-LC-M, -D-A-M, -D-M	PT-1-24-04-44	TP-03
-07	-D-A-P, -D-LC-P, -D-P, -D-LC-M, -D-A-M, -D-M	PT-1-24-01-44	TP-03
-02, -09	-S-LC-P, -S-A-P	PT-1-24-04-09	TP-03
-03, -04	-S-LC-P, -S-A-P, -S-P	PT-1-24-05-09	TP-03
-07	-S-LC-P, -S-A-P, -S-P	PT-1-24-03-71	TP-03
-06	-D-LC	PT-1-24-02-47	TP-03
-06	NONE, -A, -D	PT-1-24-02-48	TP-09
-06	-D-A-P, -D-LC-P, -D-P, -D-LC-M, -D-A-M, -D-M	PT-1-24-16-29	TP-07
-06	-S-LC-P, -S-A-P, -S-P	PT-1-24-14-29	TP-03

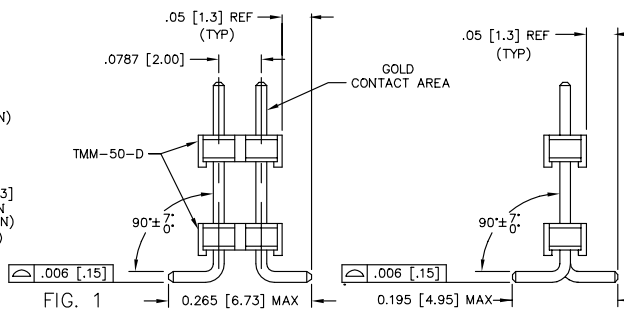


FIG. 1

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	
TOLERANCES ARE:		ANGLES ± 2°	
ONE PLACE DECIMALS ± .1 [2.5mm]	THREE PLACE DECIMALS ± .005 [.13mm]		
TWO PLACE DECIMALS ± .010 [2.5mm]	FOUR PLACE DECIMALS ± .0020 [.05mm]		

TW-XX-XX-XXX-X-XXX-SM-XX-XXX

NO. OF POSITIONS
EXPRESSED IN # OF POS
(-02 THRU -36)
"XX" = NO OF POS x .07874 [2.00]

LEAD STYLE
(SEE TABLE 1)

PLATING

- G: GOLD (USE T-1S13-XX-G-2)
- T: TIN (USE T-1S13-XX-T-2)
- S: SELECTIVE (USE T-1S13-XX-S-2)
- E: EXTRA HEAVY GOLD (USE T-1S13-XX-E-2)
- L: LIGHT GOLD (USE T-1S13-XX-L-2)
- F: FLASH SELECTIVE GOLD (USE T-1S13-XX-F-2)
- P: GOLD FLASHED PALLADIUM NICKEL (USE T-1S13-XX-P-2)
- TL: TIN/LEAD (USE T-1S13-XX-TL-2)
- STL: SELECTIVE TIN/LEAD (USE T-1S13-XX-STL-2)
- LTL: LIGHT SELECTIVE TIN/LEAD (USE T-1S13-XX-LTL-2)
- H: HEAVY GOLD (USE T-1S13-XX-H-2)
- SM: HEAVY GOLD SELECTIVE, MATTE TIN TAIL (USE T-1S13-XX-S-2)
- TM: MATTE TIN (USE T-1S13-XX-TM-2)
- LM: LIGHT GOLD SELECTIVE, MATTE TIN TAIL (USE T-1S13-XX-L-2)
- FM: FLASH GOLD SELECTIVE, MATTE TIN TAIL (USE T-1S13-XX-F-2)

ROW OPTION

- S: SINGLE ROW (USE TMM-50-S)
- D: DOUBLE ROW (USE TMM-50-D)

TABLE 2 (SEE NOTE 6)

TITLE: HIGH TEMP
2MM SMT BOARD
STACKING TERMINAL
STRIP ASM

DWG NO:

TW-XX-XX-XXX-X-XXX-SM-XX-XXX
SHEET 1 OF 3

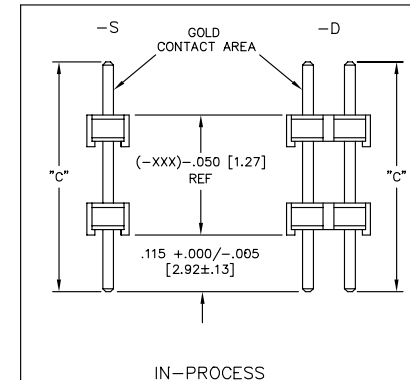
OPTION 2

- XXX: POLARIZED POSITION (SPECIFY OMITTED PIN)
- OPTION 1
 - LC: LOCKING CLIP (SEE FIG 2, SHEET 2)
 - (-D ROW: USE 2TS-XX-D)
 - (-S ROW: USE 2TS-XX-SV)
 - (.190 MIN BOARD SPACE)
 - A: MOLDED ALIGNMENT PIN (SEE FIG 3, SHEET 2 & NOTE 7)
 - (AVAILABLE IN 2-36 POSITIONS)
 - (2 POSITIONS WILL ONLY HAVE ONE ALIGNMENT PIN)
 - (-D ROW: USE 2TS-XX-DV-A)
 - (-S ROW: USE 2TS-XX-SV-A)
 - (BOTTOM BODY ONLY, USE TMM-50-X FOR TOP)
 - STAKED ALIGNMENT PIN (SEE FIG 4, SHEET 2 & NOTE 7)
 - (-D ROW ONLY: USE TMM-50-D, 5 POS MIN)
 - (.190 MIN BOARD SPACE FOR BOTH)
 - P: PICK & PLACE PAD (SEE NOTE 10)
 - (-D ROW: USE PPP-10)
 - (-S ROW: USE PPP-11)
 - NOTE: "B" = .075 [1.91] MIN FOR THIS OPTION (SEE FIG 6)
 - M: METAL PICK & PLACE PAD (SEE NOTE 10)
 - (-D ROW: USE PPP-10)
 - NOTE: "B" MUST BE .075 OR GREATER FOR THIS OPTION. (SEE FIG. 5)
 - TR: TAPE AND REEL PACKAGING
 - (-07 LEAD STYLE NOT AVAILABLE IN T & R)
 - (SEE SHEET 3 FOR -S-TR OPTION ORIENTATION VIEW)
 - (.487 MAX "A" WHEN COMBINED WITH -P OPTION AND -06 LEAD STYLE)

SURFACE MOUNT

SPACE OPTION

XXX="A" (SEE TABLE 1, .170 [4.32] MIN)
(SEE NOTE 8)



IN-PROCESS

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED IN
ANY FORM OR BY ANY MEANS
WITHOUT THE WRITTEN CONSENT OF SAMTEC INC.

MATERIAL:
INSULATOR:
LIQUID CRYSTAL POLYMER
COLOR: BLACK

TERMINALS:
PHOSPHOR BRONZE

MADE BY:

BRYANT 3-8-93

TW-XX-XX-XXX-X-XXX-SM-XX-XXX

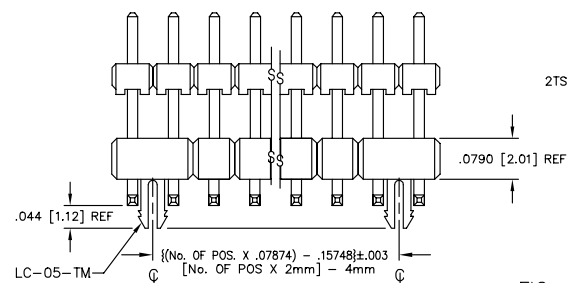


FIG. 2

(-LC OPTION)

SAME AS FIG 1 EXCEPT WHERE NOTED.

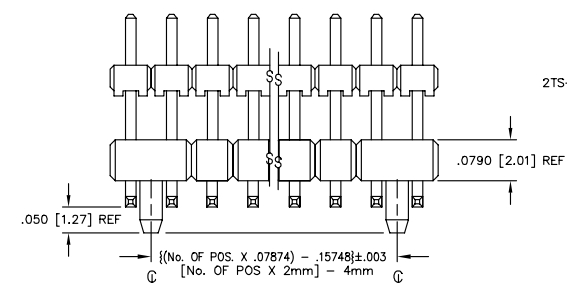
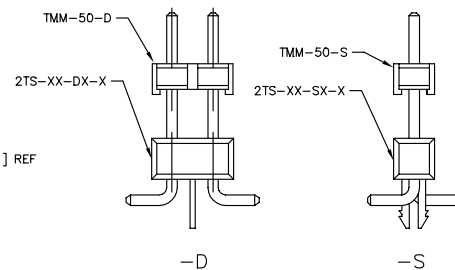


FIG. 3

(-A MOLDED ALIGNMENT PIN OPTION)

SAME AS FIG 1 EXCEPT WHERE NOTED.

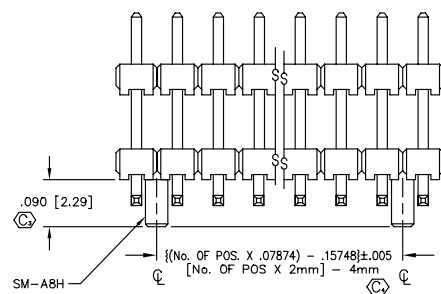
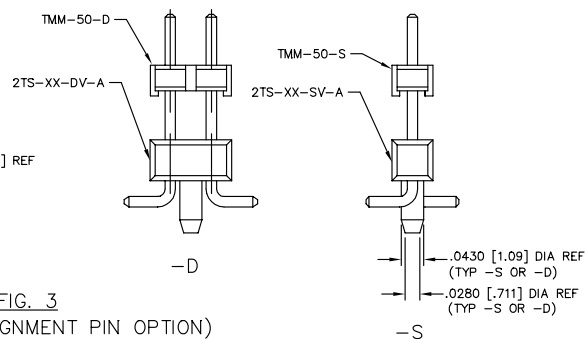
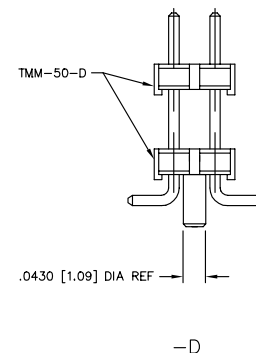


FIG. 4

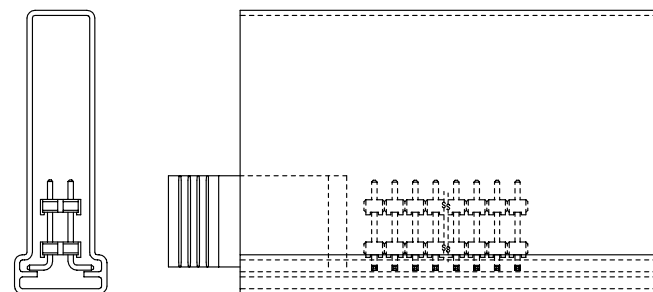
(-A STAKED ALIGNMENT PIN OPTION)

SAME AS FIG 1 EXCEPT WHERE NOTED.



PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED IN
ANY FORM OR BY ANY MEANS
ELECTRONIC OR MECHANICAL,
INCLUDING PHOTOCOPYING,
RECORDING, OR BY ANY INFORMATION
SYSTEMS WITHOUT THE EXPRESS
WRITTEN CONSENT OF SAMTEC INC.

UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE: HIGH TEMP 2mm SURFACE MOUNT BOARD STACKING TERMINAL STRIP	DWG NO: TW-XX-XX-XXX-X-XXX-SM-XX-XXX
DIMENSIONS ARE IN INCHES					
ONE PLACE DECIMALS ± .1 [2.5mm]	THREE PLACE DECIMALS ± .005 [0.13mm]	ANGLES ± 2°			
TWO PLACE DECIMALS ± .010 [0.25mm]		FOUR PLACE DECIMALS ± .0020 [0.05mm]		SHEET 2 OF 3	



PAGAGING VIEW

SCALE: .5X

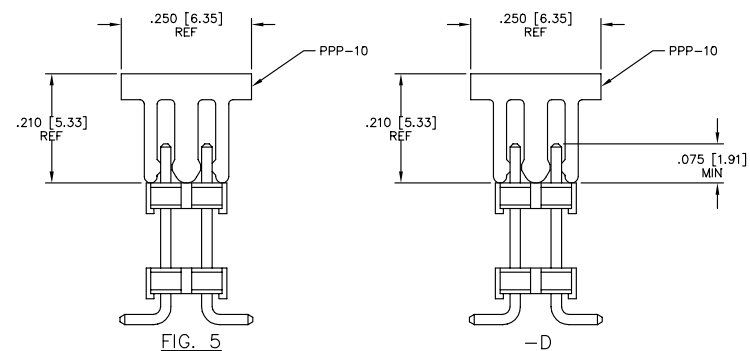
PT-1-24-02-47
TP-03

FIG. 5

(-M OPTION)

(SEE NOTE 10)

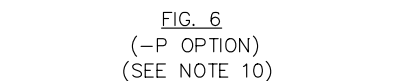
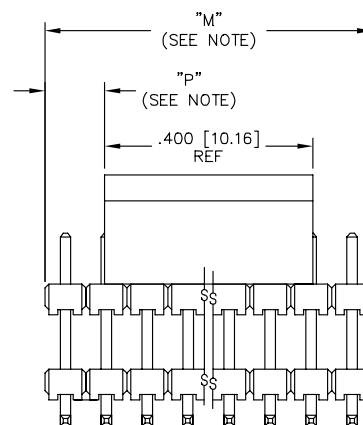


FIG. 6

(-P OPTION)

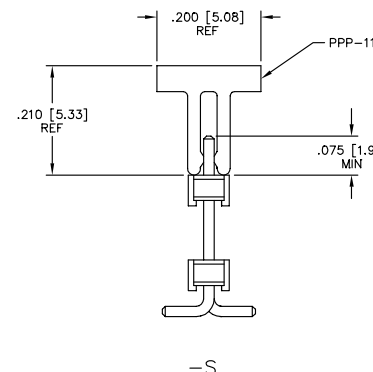
(SEE NOTE 10)



NOTE: "M" = USED MEASURED DIMENSION (REF)

"P" = {("M" - .400) / 2 } ± .020 [0.51]

-APPLIES TO BOTH SINGLE & DOUBLE-



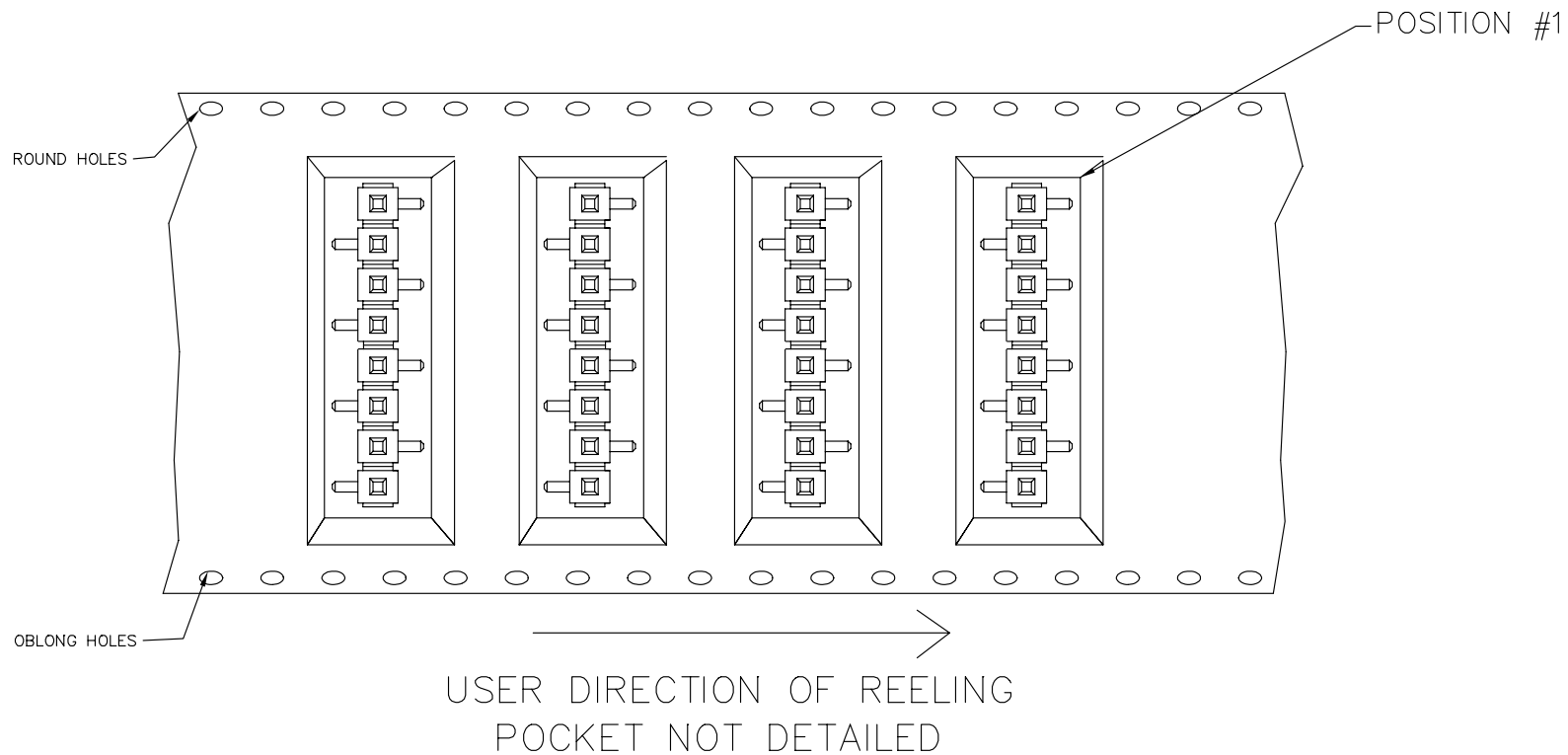
samtec
EXISPROD\ASSEMBLY\2MM
TW-SM2

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY:
BRYANT 3-8-93

TW-XX-XX-XXX-X-XXX-SM-XX-XXX

-TR VIEW FOR -S (SINGLE ROW)



PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSFERRED TO
OTHER DOCUMENTS OR DISCLOSED TO
OTHERS OR USED FOR ANY PURPOSE
OTHER THAN THAT FOR WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED
WRITTEN CONSENT OF SAMTEC INC.

samtecEXISPROD\ASSEMBLY\2MM
TW-SM2520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322MADE BY:
BRYANT 3-8-93

TW-XX-XX-XXX-X-XXX-SM-XX-XXX

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Board to Board & Mezzanine Connectors](#) ***category:***

Click to view products by [Samtec](#) ***manufacturer:***

Other Similar products are found below :

[10135583-642402LF](#) [89885-310LF](#) [589158040000018](#) [6-1393048-0](#) [68683-613](#) [MDF7-12DP-2.54DSA](#) [MDF7-18P-2.54DSA\(01\)](#) [MDF7-20DP-2.54DSA](#) [MDF7-26D-2.54DSA\(55\)](#) [MDF7-3P-2.54DSA\(01\)](#) [MDF7B-3P-2.54DSA\(55\)](#) [MDF7C-11P-2.54DSA\(55\)](#) [MDF7C-18P-2.54DSA\(55\)](#) [MDF7C-5P-2.54DSA\(01\)](#) [MDF7P-5P-2.54DSA\(55\)](#) [75234-0516](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-360C008-C](#) [FCN-360C040-C](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [93696-325LF](#) [11828-1FA](#) [AXK630345P](#) [18097-0013](#) [ICA-328STT](#) [2007042-2](#) [304400-2](#) [FCN-214Q030-G/0](#) [FCN-215Q040-G/0](#) [FCN-230C068-ESA](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [FCN-360A3](#) [FCN-360C040-B](#) [210-93-314-41-105000](#) [2-22603-0](#) [379-064-521-202](#) [MDF7-12P-2.54DSA\(01\)](#) [MDF7-16P-2.54DS\(56\)](#) [MDF7-40DP-2.54DSA\(55\)](#) [MDF7-8P-2.54DSA\(55\)](#) [MDF7B-16P-2.54DSA\(55\)](#) [AXG720047](#) [5031084030](#)