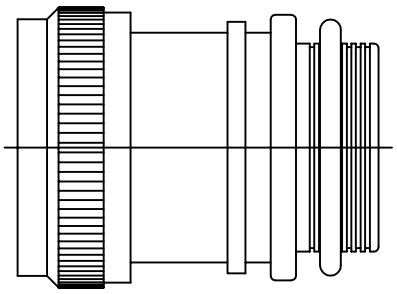
DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS)

| REVISIONS | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| H1 | REVISED PER ECO-11-005139 | 29MAR11 | HMR |
| J | REVISED PER ECO-12-021161 | 04DEC12 | G.WELLS |



# CODE 54
# STRAIGHT ADAPTER

NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
2. SEE CH00-0250-008 FOR ORDERING INFORMATION, MODIFICATIONS AND ADDITIONAL DIMENSIONS.
3. SEE DRAWING "TR" FOR DETAIL ON TINEL-LOCK RING. RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY. ALL RINGS ARE MARKED WITH THERMOCHROMIC PAINT WHICH CHANGES COLOR WHEN INSTALLATION TEMPERATURE IS REACHED.
4. ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. LESS RING DESIGNATOR (E.G.: 06090-TXR54AB00-1206). RINGS SHALL BEAR NO MARKING.
5. FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
6. ADAPTER MATES TO MIL-C-81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468, CLASS E & L.
7. ADAPTER MATES TO MIL-C-5015G, MS3400 SERIES, CLASS D, E, K, L, U & W: MS3400, MS3401, MS3404, MS3406, MS3450, MS3451, MS3454, MS3456, MS3470, MS3471, MS3472, MS3474, MS3475, MS3476. MIL-C-83723, SERIES II, CLASS A & L. MIL-C-83723, SERIES I & III, CLASS A, G, K, R & S: M83723/1, /2, /3, /4, /5, /6, /7, /8, /13, /14, /36, /37, /38, /39, /40, /41, /42, /43, /48, /49, /65, /66, /67, /68, /69, /70, /71, /72, /73, /74, /75, /76, /77, /78, /82, /83, /84, /85, /86, /87, /91, /92, /95, /97, /98, (MS3155 CONTROLLED INTERFACE).
8. THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED. (MOD. CODE "S")

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Raychem Adapters
CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.

DECIMALS
.XXX ± —— [ mm]
.XX ± —— [ mm]
.X ± —— [ mm]

ANGLES
.X ± ——

| | | |
|---|---|---|
| DRAWN R. RAMIREZ | DATE 03-18-93 | |
| CHECKED | DATE | |
| APPROVED | DATE | |
| APPROVED | DATE | |
| CAD NAME txr54_1_j_cd_J | | |

THIRD ANGLE PROJECTION

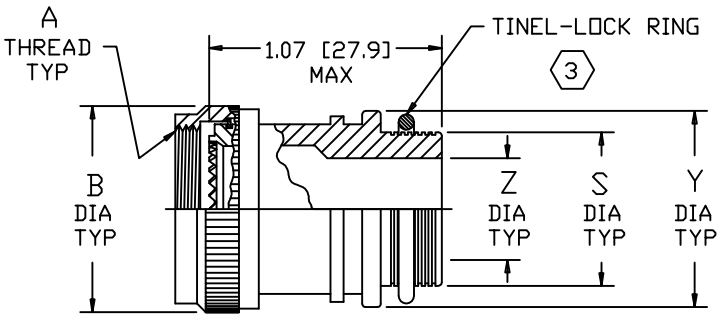
TE Connectivity

TITLE
TINEL-LOCK™ ADAPTER

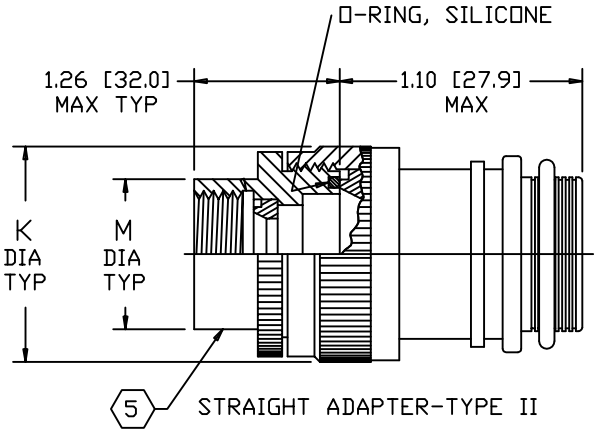
| SIZE | CODE IDENT. NO. | DWG. NO. |
|---|---|---|
| A | 06090 | TXR54 |

DO NOT SCALE THIS DWG

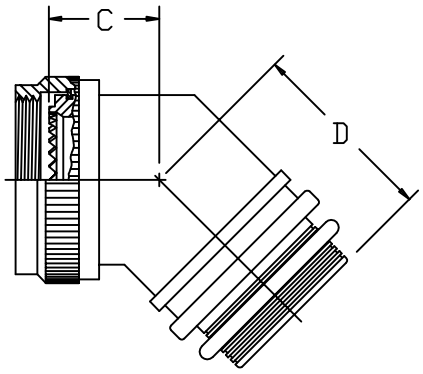
SEE SHEET 1 FOR REVISION



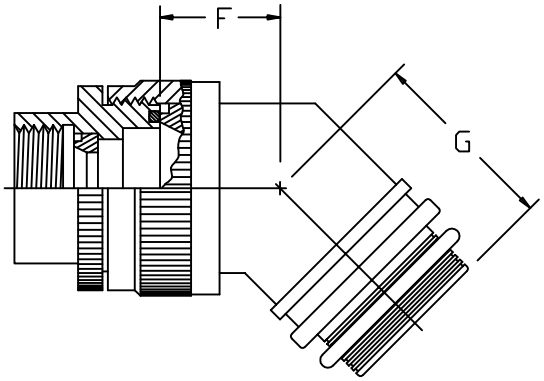

STRAIGHT ADAPTER-TYPE I



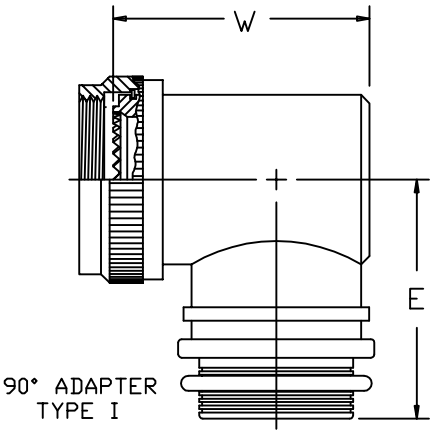

STRAIGHT ADAPTER-TYPE II



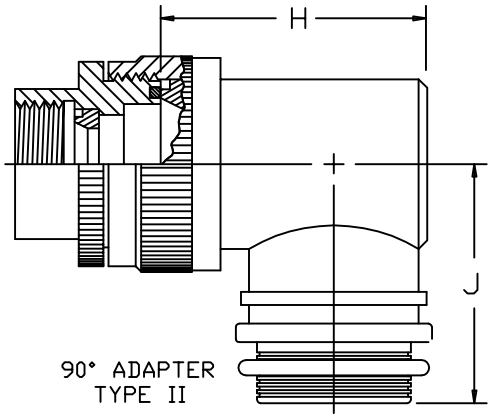

45° ADAPTER-TYPE I




45° ADAPTER-TYPE II




90° ADAPTER
TYPE I




90° ADAPTER
TYPE II

Raychem Adapters
CUSTOMER DRAWING

| SIZE | CODE IDENT. NO. | DWG. NO. | REV |
|---|---|---|---|
| A | 06090 | TXR54 | J |
| DO NOT SCALE THIS DWG | | CAD NAME txr54_2_j_cd_J | SHEET 2 OF 3 |

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SEE SHEET 1 FOR REVISION

TABLE I

| ORDER NO. | SHELL SIZE ⟨6⟩ | SHELL SIZE ⟨7⟩ | MAX ENTRY SIZE TYPE I ⟨5⟩ | A THREAD CLASS 2B | B DIA MAX | B DIA MAX ⟨8⟩ | C MAX | D MAX | E MAX | M DIA MAX | W MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 03 | 3 | | 04 | .562-24 UNEF | .669 [16.99] | .940 [23.88] | .75 [19.1] | .91 [23.1] | 1.13 [28.7] | .695 [17.65] | .85 [21.6] |
| 08 | | 8 & 8S | 04 | .500-20 UNF | .617 [15.67] | .890 [22.61] | .75 [19.1] | .91 [23.1] | 1.10 [27.9] | .630 [16.00] | .85 [21.6] |
| 10 | | 10, 10S & 10SL | 06 | .625-24 UNEF | .734 [18.64] | 1.010 [25.65] | .77 [19.6] | .93 [23.6] | 1.16 [29.5] | .757 [19.23] | .97 [24.6] |
| 12 | 7 | 12 & 12S | 08 | .750-20 UNEF | .858 [21.79] | 1.140 [28.96] | .80 [20.3] | .95 [24.1] | 1.22 [31.0] | .882 [22.40] | 1.10 [27.9] |
| 14 | 12 | 14 & 14S | 08 | .875-20 UNEF | .984 [24.99] | 1.260 [32.00] | .82 [20.8] | .97 [24.6] | 1.28 [32.5] | 1.007 [25.58] | 1.16 [29.5] |
| 16 | 19 | 16 & 16S | 10 | 1.000-20 UNEF | 1.112 [28.24] | 1.390 [35.31] | .84 [21.3] | 1.00 [25.4] | 1.35 [34.3] | 1.132 [28.75] | 1.28 [32.5] |
| 18 | 27 | 18 | 12 | 1.062-18 UNEF | 1.218 [30.94] | 1.510 [38.35] | .86 [21.8] | 1.01 [25.7] | 1.40 [35.6] | 1.218 [30.94] | 1.35 [34.3] |
| 20 | 37 | 20 | 14 | 1.188-18 UNEF | 1.345 [34.16] | 1.640 [41.66] | .88 [22.4] | 1.04 [26.4] | 1.46 [37.1] | 1.345 [34.16] | 1.47 [37.3] |
| 22 | | 22 | 16 | 1.312-18 UNEF | 1.468 [37.29] | 1.760 [44.70] | .91 [23.1] | 1.06 [26.9] | 1.53 [38.9] | 1.468 [37.29] | 1.60 [40.6] |
| 24 | | 24 | 18 | 1.438-18 UNEF | 1.593 [40.46] | 1.890 [48.00] | .93 [23.6] | 1.09 [27.7] | 1.59 [40.4] | 1.593 [40.46] | 1.72 [43.7] |
| 28 | | 28 | 22 | 1.750-18 UNS | 1.969 [50.01] | 2.140 [54.36] | .98 [24.9] | 1.13 [28.7] | 1.78 [45.2] | 1.969 [50.01] | 1.97 [50.0] |
| 32 | | 32 | 24 | 2.000-18 UNS | 2.219 [56.36] | 2.400 [60.96] | 1.03 [26.2] | 1.19 [30.2] | 1.90 [48.3] | 2.219 [56.36] | 2.22 [56.4] |
| 36 | | 36 | 24 | 2.250-16 UN | 2.469 [62.71] | 2.640 [67.06] | 1.08 [27.4] | 1.23 [31.2] | 2.03 [51.6] | 2.469 [62.71] | 2.35 [59.7] |
| 40 | | 40 | 24 | 2.500-16 UN | 2.719 [69.06] | 2.890 [73.41] | 1.12 [28.4] | 1.28 [32.5] | 2.15 [54.6] | 2.719 [69.06] | 2.60 [66.0] |
| 44 | | 44 | 24 | 2.750-16 UN | 2.969 [75.41] | 3.140 [79.76] | 1.17 [29.7] | 1.33 [33.8] | 2.28 [57.9] | 2.969 [75.41] | 2.85 [72.4] |
| 48 | | 48 | 24 | 3.000-16 UN | 3.219 [81.76] | 3.390 [86.11] | 1.22 [31.0] | 1.38 [35.1] | 2.40 [61.0] | 3.219 [81.76] | 3.16 [80.3] |
| 61 | 61 | | 18 | 1.500-18 UNEF | 1.653 [41.99] | 1.880 [47.75] | .94 [23.9] | 1.09 [27.7] | 1.62 [41.1] | 1.653 [41.99] | 1.78 [45.2] |

TABLE II

| ENTRY SIZE | Z +.010 −.020 | S DIA | Y ±.015 [±0.38] | F MAX | G MAX | H MAX | J MAX | K MAX |
|---|---|---|---|---|---|---|---|---|
| 04 | .250 [6.35] | .376 [9.56] .370 [9.39] | .550 [13.97] | N/A | N/A | N/A | N/A | N/A |
| 05 | .312 [7.92] | .438 [11.13] .432 [10.97] | .612 [15.54] | .77 [19.6] | .93 [23.6] | 1.19 [30.2] | 1.16 [29.5] | .80 [20.3] |
| 06 | .375 [9.53] | .501 [12.73] .495 [12.57] | .675 [17.14] | .77 [19.6] | .93 [23.6] | 1.19 [30.2] | 1.16 [29.5] | .80 [20.3] |
| 07 | .437 [11.09] | .563 [14.31] .556 [14.12] | .737 [18.71] | .80 [20.3] | .95 [24.1] | 1.38 [35.1] | 1.22 [31.0] | .92 [23.4] |
| 08 | .500 [12.70] | .626 [15.91] .619 [15.72] | .800 [20.32] | .80 [20.3] | .95 [24.1] | 1.38 [35.1] | 1.22 [31.0] | .92 [23.4] |
| 10 | .625 [15.87] | .752 [19.11] .742 [18.84] | .925 [23.49] | .84 [21.3] | 1.00 [25.4] | 1.51 [38.4] | 1.35 [34.3] | 1.18 [30.0] |
| 12 | .750 [19.05] | .877 [22.28] .867 [22.02] | 1.050 [26.67] | .88 [22.4] | 1.01 [25.7] | 1.63 [41.4] | 1.40 [35.6] | 1.35 [34.3] |
| 14 | .875 [22.23] | 1.002 [25.46] .991 [25.17] | 1.175 [29.84] | .88 [22.4] | 1.04 [26.4] | 1.78 [45.2] | 1.46 [37.1] | 1.41 [35.8] |
| 16 | 1.000 [25.40] | 1.127 [28.63] 1.116 [28.34] | 1.300 [33.02] | .93 [23.6] | 1.06 [26.9] | 1.88 [47.8] | 1.53 [38.9] | 1.60 [40.6] |
| 18 | 1.125 [28.57] | 1.252 [31.81] 1.241 [31.52] | 1.425 [36.19] | .93 [23.6] | 1.09 [27.7] | 2.01 [51.1] | 1.59 [40.4] | 1.66 [42.2] |
| 20 | 1.250 [31.75] | 1.377 [34.98] 1.366 [34.69] | 1.550 [39.37] | .98 [24.9] | 1.13 [28.7] | 2.13 [54.1] | 1.78 [45.2] | 2.04 [51.8] |
| 22 | 1.375 [34.93] | 1.502 [38.15] 1.488 [37.79] | 1.675 [42.55] | 1.03 [26.2] | 1.38 [35.1] | 2.29 [58.2] | 1.85 [47.0] | 2.23 [56.6] |
| 24 | 1.500 [38.10] | 1.627 [41.33] 1.613 [40.97] | 1.800 [45.72] | 1.08 [27.4] | 1.44 [36.6] | 2.42 [61.5] | 1.92 [48.8] | 2.23 [56.6] |

Raychem Adapters
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| SIZE | CODE IDENT. NO. | DWG. NO. | REV |
|---|---|---|---|
| A | 06090 | TXR54 | J |
| DO NOT SCALE THIS DWG | | CAD NAME txr54_3_j_cd_J | SHEET 3 OF 3 |

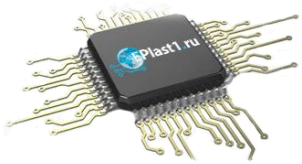
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

**Телефон:** 8 (812) 309 58 32 (многоканальный)
**Факс:** 8 (812) 320-02-42
**Электронная почта:** org@eplast1.ru
**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.