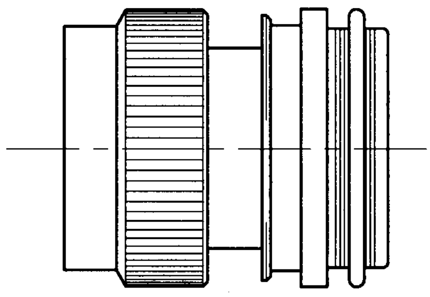
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL ISSUE	NOV 00	KJW



CODE 76 STXR TINEL-LOCK ADAPTOR

NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR - SEE NOTE 6.

2. SEE SHEETS 2 AND 3 FOR DIMENSIONS, AND SHEET 4 FOR PART NUMBERING SYSTEM AND ORDERING INFORMATION.

⟨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 COLOUR WHEN INSTALLATION TEMPERATURE IS REACHED.

⟨4⟩ ADAPTOR TO BE PERMANENTLY MARKED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER LESS RING DESIGNATOR. (e.g. 06090-STXR76AB00-2018). RING SHALL BEAR NO MARKING.

⟨5⟩ TINEL-LOCK RING ENTRY SIZE AND BRAID DESIGNATOR IS TO BE SPECIFIED IN PART NUMBER WHEN ORDERING.

⟨6⟩ ADAPTOR MATES TO: BS9522 F0017 (PATT 105) CONNECTORS.

7. FOR MODIFICATIONS OR ALTERNATIVE MATERIALS AND FINISHES NOT SHOWN CONTACT TYCO.

SPECIFICATION CONTROL DRAWING

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

DECIMALS
.X ± --- [mm]
.XX ± --- [mm]
.XXX ± --- [mm]
ANGLES
.X ± ---

DRAWN: IRT	DATE: NOV 00
APPROVED: KJW	DATE: NOV 00
APPROVED: KJW	DATE: NOV 00
APPROVED:	DATE:
CAD NAME: 85051-STXR76	

THIRD ANGLE PROJECTION

tyco Electronics Raychem

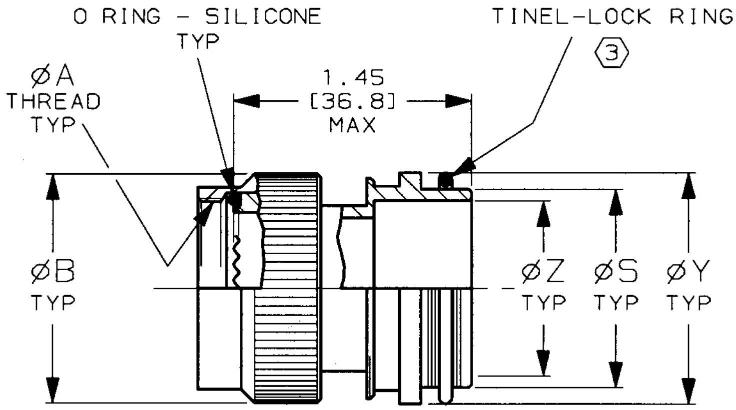
TITLE: TINEL-LOCK™ ADAPTOR - "S" MOD.

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	STXR76	N/C

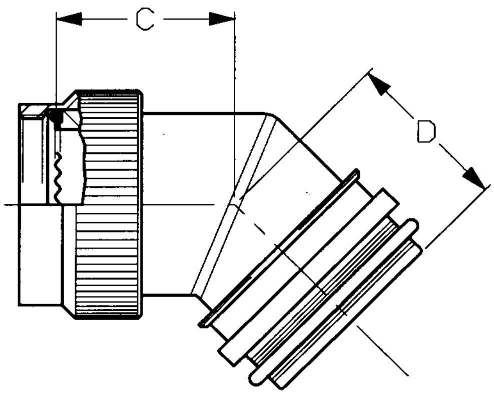
DO NOT SCALE THIS DWG | SHEET 1 OF 4

STXR76SCD-1

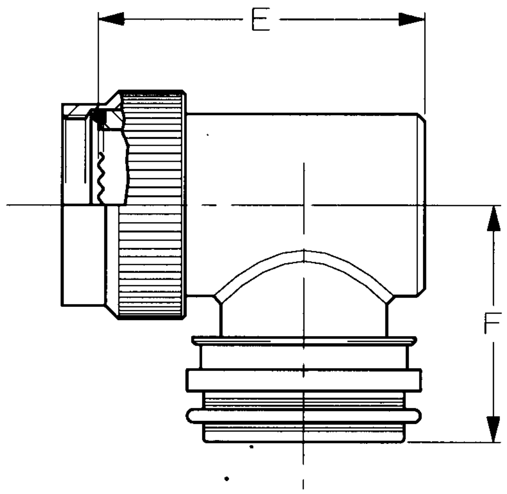
SEE SHEET 1 FOR REVISIONS



STRAIGHT ADAPTOR



45° ADAPTOR



90° ADAPTOR

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	STXR76	N/C
DO NOT SCALE THIS DWG		SHEET 2 OF 4	

TABLE 1								
ORDER NO.	SHELL SIZE ⑥	ENTRY SIZE ⑤ MIN	ENTRY SIZE ⑤ MAX	ØA RH CLASS 2B	ØB MAX	C MAX	D MAX	E MAX
08	08	05	24	0.4375″-28 UNEF	0.79 [20.1]	0.74 [18.8]	0.87 [22.1]	1.05 [26.7]
10	10	07	24	0.5625″-24 UNEF	0.91 [23.1]	0.76 [19.3]	0.90 [22.9]	1.11 [28.2]
12	12	10	24	0.6875″-24 UNEF	1.07 [27.2]	0.79 [20.1]	0.92 [23.4]	1.19 [30.2]
14	14	12	24	0.8125″-20 UNEF	1.19 [30.2]	0.82 [20.8]	0.95 [24.1]	1.25 [31.8]
16	16	14	24	0.9375″-20 UNEF	1.32 [33.5]	0.84 [21.3]	0.97 [24.6]	1.32 [33.5]
18	18	16	24	1.0625″-18 UNEF	1.44 [36.6]	0.87 [22.1]	1.00 [25.4]	1.38 [35.1]
20	20	18	24	1.1875″-18 UNEF	1.57 [39.9]	0.89 [22.6]	1.02 [25.9]	1.44 [36.6]
22	22	20	24	1.3125″-18 UNEF	1.69 [42.9]	0.92 [23.4]	1.05 [26.7]	1.50 [38.1]
24	24	20	24	1.4375″-18 UNEF	1.79 [45.5]	0.97 [24.6]	1.07 [27.2]	1.55 [39.4]

TABLE II				
ENTRY SIZE	ØZ +.010 -.020 [+0.25] [-0.50]	ØS	ØY ±.015 [±0.38]	F MAX
05	.312 [7.92]	.438 [11.13] .432 [10.97]	.612 [15.54]	1.30 [33.0]
06	.375 [9.52]	.501 [12.73] .495 [12.57]	.675 [17.14]	1.32 [33.5]
07	.437 [11.09]	.563 [14.31] .556 [14.12]	.737 [18.71]	1.38 [35.0]
08	.500 [12.70]	.626 [15.91] .619 [15.72]	.800 [20.32]	1.50 [38.0]
10	.625 [15.87]	.752 [19.11] .742 [18.84]	.925 [23.49]	1.61 [41.0]
12	.750 [19.05]	.877 [22.28] .867 [22.02]	1.050 [26.67]	1.73 [44.0]
14	.875 [22.23]	1.002 [25.46] .991 [25.17]	1.175 [29.84]	1.85 [47.0]
16	1.000 [25.40]	1.127 [28.63] 1.116 [28.34]	1.300 [33.02]	2.01 [51.0]
18	1.125 [28.57]	1.252 [31.81] 1.241 [31.52]	1.425 [36.19]	2.13 [54.0]
20	1.250 [31.75]	1.377 [34.98] 1.366 [34.69]	1.550 [39.37]	2.13 [54.0]
22	1.375 [34.93]	1.502 [38.15] 1.488 [37.79]	1.675 [42.55]	2.13 [54.0]
24	1.500 [38.10]	1.627 [41.33] 1.613 [40.97]	1.800 [45.72]	2.13 [54.0]

PART NUMBERING SYSTEM

S TXR 76 A B 00-20 18 B I

(1) PREFIX

PRODUCT DESIGNATOR

CONNECTOR CODE

MATERIAL
A = ALUMINIUM ALLOY BS1474 6082-T6
BS4300/5 2011 (TD)
OR QQ-A-225

FINISH
SEE S-CH00-0157-002

CONFIGURATION
00 = STRAIGHT, 45 = 45°, 90 = 90°

ORDER NUMBER

(2) ENTRY SIZE

BRAID DESIGNATOR
BRAID A: SINGLE LAYER 36 AWG
BRAID B: SINGLE LAYER 30 AWG
DOUBLE LAYER 36 AWG

RING WITH INSULATING LINING (STANDARD)

NOTE

(1) PREFIX S DENOTES THAT THE ADAPTOR HAS A LARGER ENTRY SIZE THAN THE STANDARD TXR RANGE BUT IS STILL OF THE TYPE I DESIGN.

(2) SEE SHEET 3 FOR TABLE OF ENTRY SIZES APPLICABLE TO THE STXR RANGE.

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	STXR76	N/C
DO NOT SCALE THIS DWG		SHEET 4 OF 4	