

LOC E	DIST B	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	ECR-06-013423	01JUN06	JMS	FWK

- NOTES:
- 1

PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- 2

100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- 3

Au PLATING
- 4

Ni PLATING
- 5

HAND TOOL : 9-1478240-0
- 6

DIE SET : 9-1478248-0
- 7

ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE: DC - 6 GHz

NOMINAL IMPEDANCE: 50 Ohm

INSULATION RESISTANCE: 1000 MOhm

WORKING VOLTAGE: 335 Volts RMS at Sea Level

DIELECTRIC WITHSTAND VOLTAGE: 1000 Volts RMS Max

CONTACT RESISTANCE:

CENTRE CONTACT: 5.00 mOhm Max

OUTER CONTACT: 1.00 mOhm Max

VSWR @ 4GHz: 1.35:1 Max

INSERTION LOSS dB @ x 1.0 GHz: 0.10 Max
- 8

MECHANICAL CHARACTERISTICS

COUPLING NUT RETENTION FORCE: N/A

CABLE RETENTION FORCE:

RG174A/U, 188A/U, 316/U, URM95: 85N Min

RG178B/U, 196A/U: 25N Min

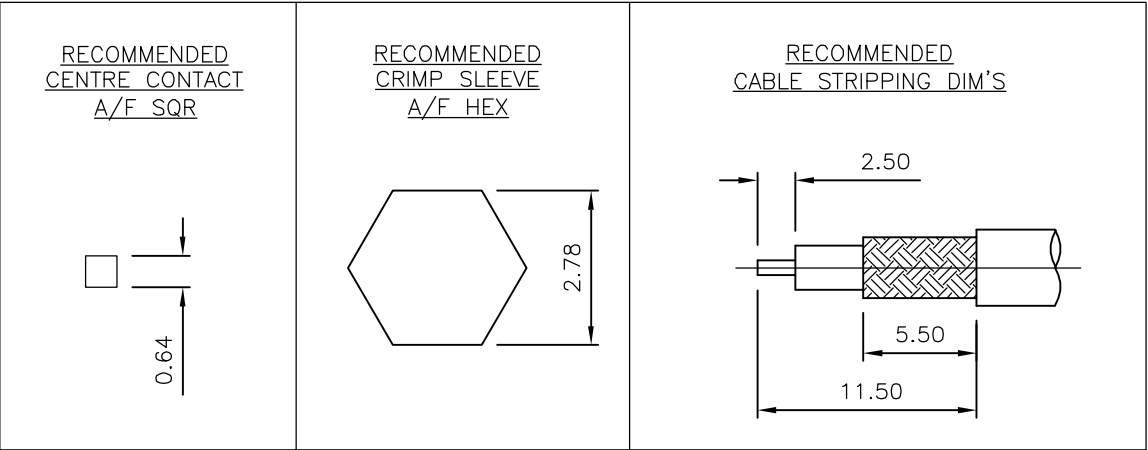
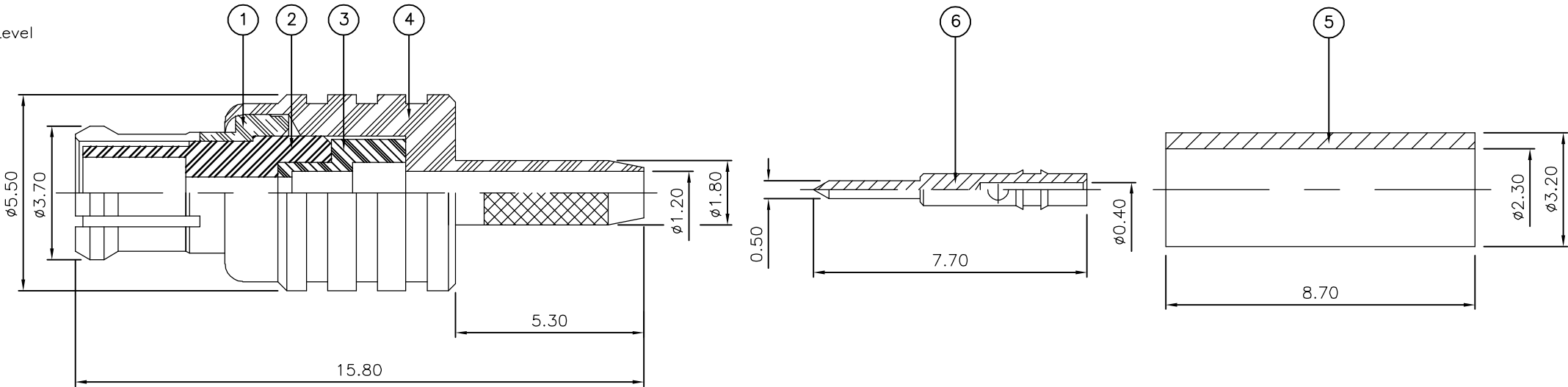
DURABILITY: 500 Cycles Min
- 9

ENVIRONMENTAL CHARACTERISTICS

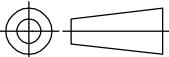
OPERATING TEMPERATURE: -65 to +165 DegC
- 10

FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
- 11

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED



		1	1	BRASS	3	CONTACT	6
		1	1	BRASS	4	FERRULE	5
		1	1	BRASS	4	BODY	4
		1	1	POLYPROPYLENE		INSULATION	3
		1	1	PTFE		INSULATION	2
		1	1	BERYLLIUM COPPER	4	CHASSIS	1
		6--0	1--0	MATERIAL		DESCRIPTION	ITEM
		3	1				
QUANTITY PER ASSY				PARTS LIST			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.SANDWELL 01JUN06	Tyco Electronics Corporation Bideford EX39 4HE			
DIMENSIONS: mm		CHK S.PARLOW 01JUN06	NAME MCX STRAIGHT PLUG CRIMP 50 OHM RG178B/U, 196A/U, URM110, KX21A —			
		APVD F.WHEELER-KING 01JUN06				
		PRODUCT SPEC —				
		APPLICATION SPEC 411-3247				
MATERIAL SEE TABLE	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —	FINISH —	SIZE A3	CAGE CODE 00779	DRAWING NO C-1478005	RESTRICTED TO —
CUSTOMER DRAWING			SCALE NTS	SHEET 1 OF 1	REV B	